Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
Data File : VW029694.D
Acq On : 22 Jul 2024 19:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Quant Time: Jul 23 04:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	214886	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	202553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	63832	18.388	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.560%			
7) Chloroethane-d5	2.899	69	55245	22.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	4.027	65	31988	20.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.080%			
21) 2-Butanone-d5	7.075	46	54209	52.022	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.040%			
24) Chloroform-d	7.648	84	162993	26.237	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.960%			
26) 1,2-Dichloroethane-d4	8.307	65	97472	26.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.000%			
32) Benzene-d6	8.276	84	297033	24.479	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.920%			
36) 1,2-Dichloropropane-d6	9.270	67	101925	26.271	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	10.325	98	268582	25.169	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.680%			
43) trans-1,3-Dichloroprop...	10.581	79	38056	23.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.640%			
47) 2-Hexanone-d5	10.922	63	37434	53.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.200%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84446	26.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	87004	25.162	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	33839m	16.082	ug/L	
3) Chloromethane	2.222	50	50404	17.903	ug/L	97
5) Vinyl chloride	2.375	62	63665	19.816	ug/L	96
6) Bromomethane	2.789	94	38372	20.171	ug/L	93
8) Chloroethane	2.936	64	42212	21.352	ug/L	98
9) Trichlorofluoromethane	3.265	101	57004	19.710	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	65221	22.915	ug/L	95
12) 1,1-Dichloroethene	4.045	96	58063	21.727	ug/L	99
13) Acetone	4.124	43	37691	35.836	ug/L	97
14) Carbon disulfide	4.387	76	152367	17.557	ug/L	98
15) Methyl Acetate	4.673	43	40256	21.800	ug/L	98
16) Methylene chloride	4.923	84	91073	23.673	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	66186	22.373	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	119062	23.655	ug/L	99
19) 1,1-Dichloroethane	6.222	63	148923	24.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	77984	24.107	ug/L	98
22) 2-Butanone	7.173	43	54328	39.347	ug/L	98
23) Bromochloromethane	7.520	128	33554	23.060	ug/L	93
25) Chloroform	7.679	83	146442	24.912	ug/L	99

Quantitation Report (QT Reviewed)

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD025550

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 04:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109662	24.872 ug/L	100
29) Cyclohexane	7.959	56	109705	21.751 ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	110977	23.993 ug/L	99
31) Carbon tetrachloride	8.069	117	97671	23.057 ug/L	99
33) Benzene	8.325	78	302172	23.844 ug/L	100
34) Trichloroethene	9.093	95	77021	23.014 ug/L	97
35) Methylcyclohexane	9.337	83	123645	22.986 ug/L	99
37) 1,2-Dichloropropane	9.367	63	89227	25.461 ug/L	100
38) Bromodichloromethane	9.642	83	107568	25.130 ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	128743	24.459 ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	119914	48.551 ug/L	99
42) Toluene	10.386	91	321482	24.796 ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108921	24.143 ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	61466	24.388 ug/L	98
46) Tetrachloroethene	10.861	164	54687	23.001 ug/L	87
48) 2-Hexanone	10.965	43	84633	45.612 ug/L	98
49) Dibromochloromethane	11.123	129	62889	23.977 ug/L	98
50) 1,2-Dibromoethane	11.233	107	55364	23.051 ug/L	99
51) Chlorobenzene	11.654	112	201519	24.044 ug/L	99
52) Ethylbenzene	11.727	91	364161	24.792 ug/L	100
53) m,p-Xylene	11.836	106	134462	24.936 ug/L	99
54) o-Xylene	12.166	106	129334	25.932 ug/L	94
55) Styrene	12.178	104	230506	26.284 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77072	24.243 ug/L	96
59) Bromoform	12.349	173	36075	23.538 ug/L	95
60) Isopropylbenzene	12.458	105	355429	25.442 ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	56118	23.354 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	264391	26.606 ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	290252	26.465 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153301	24.482 ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	154811	24.132 ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	140853	24.884 ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	12785	22.256 ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	95222	23.310 ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	85618	23.820 ug/L	93
71) Naphthalene	15.360	128	171118	22.682 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74192	22.718 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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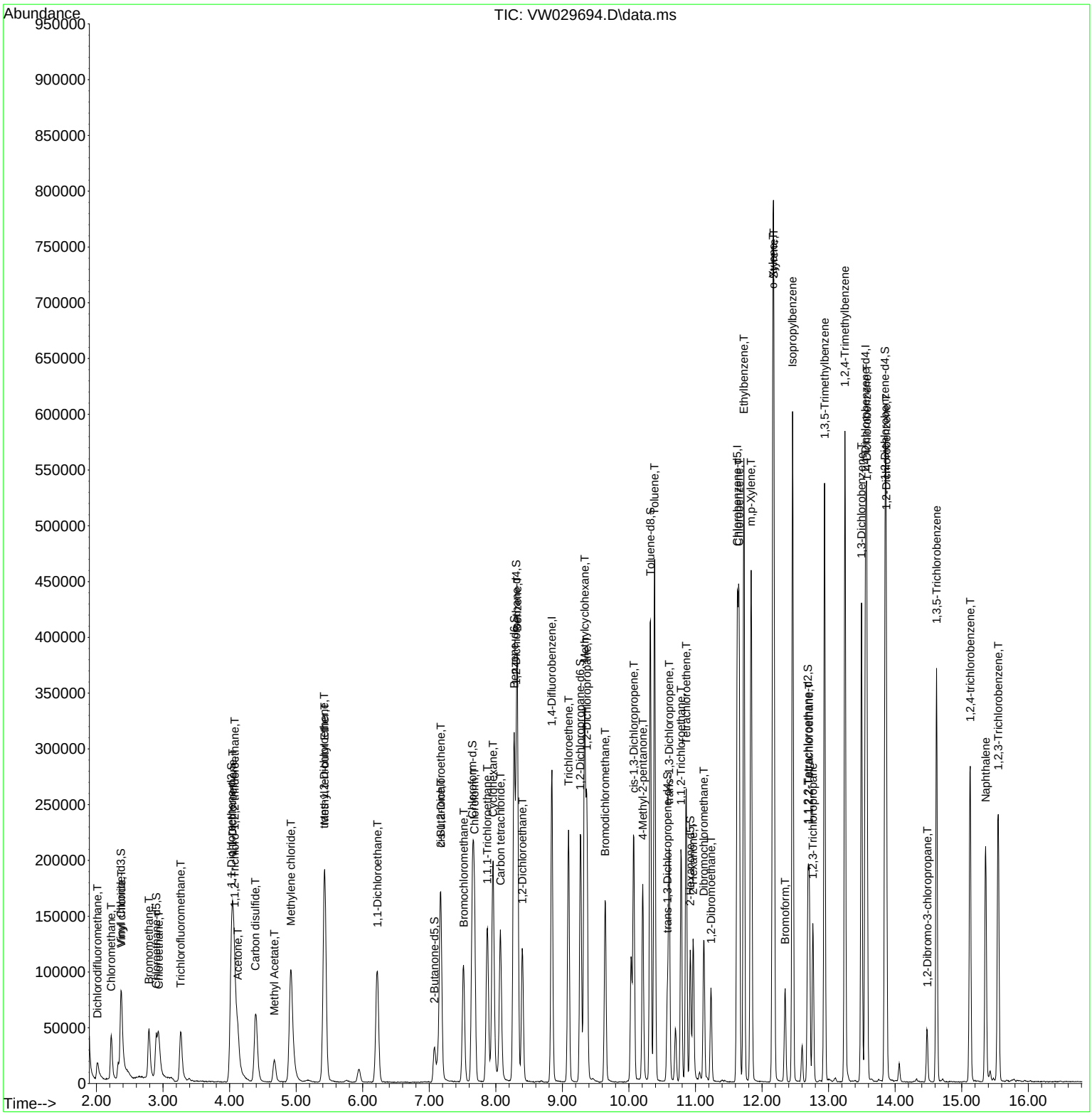
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 23 04:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024



Quantitation Report (Qedit)

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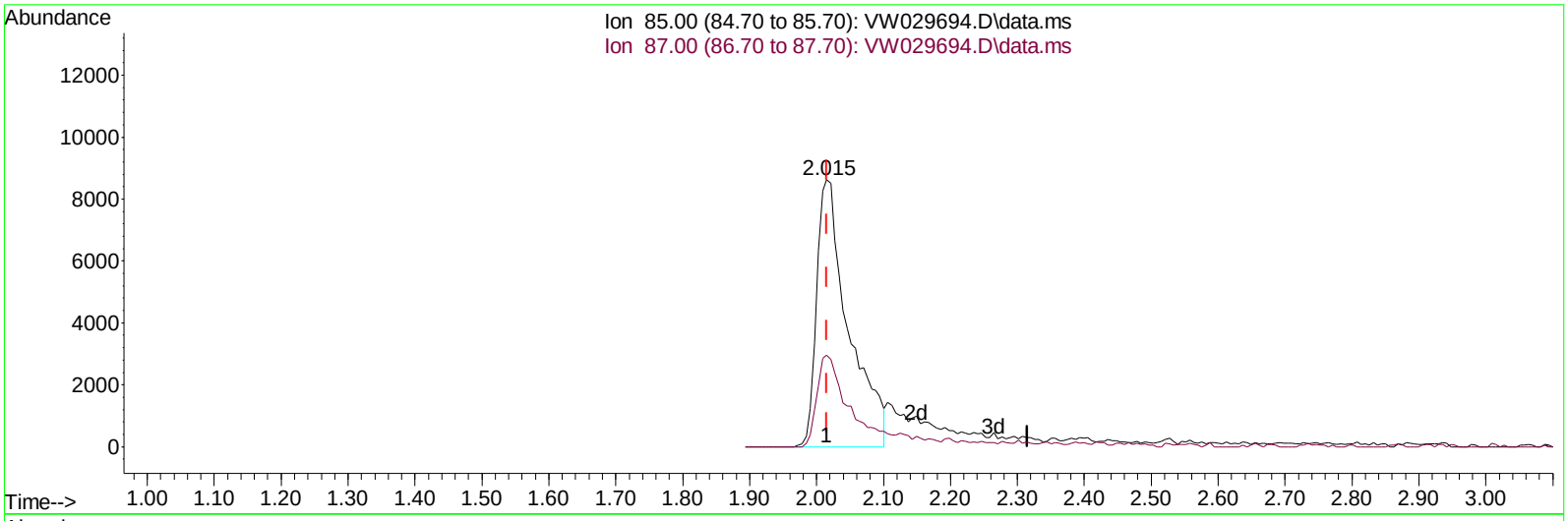

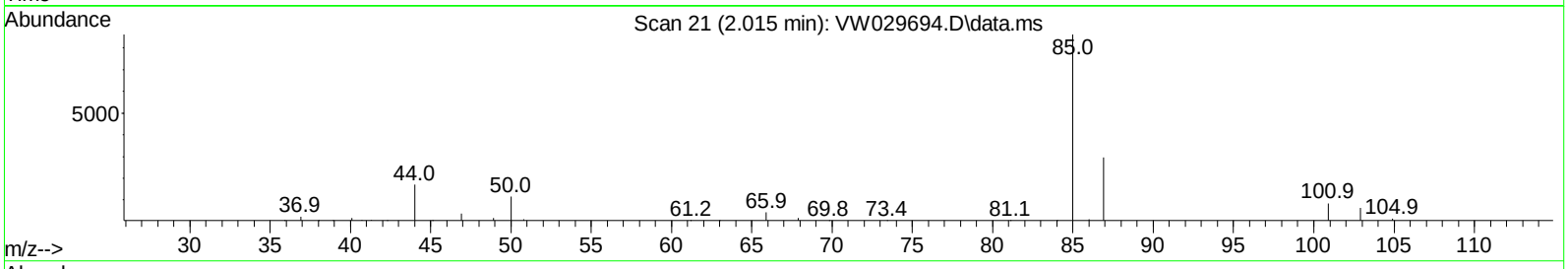

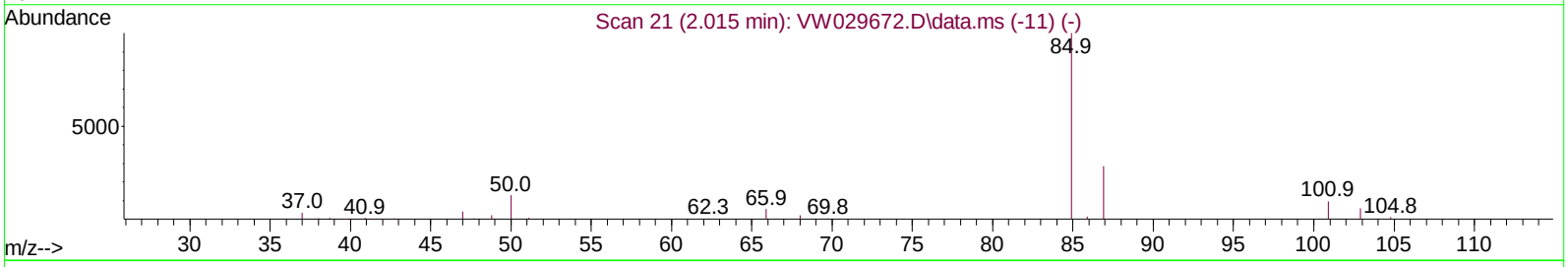

TIC: VW029694.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 13.49 ug/L

response 28389

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.60	24.95#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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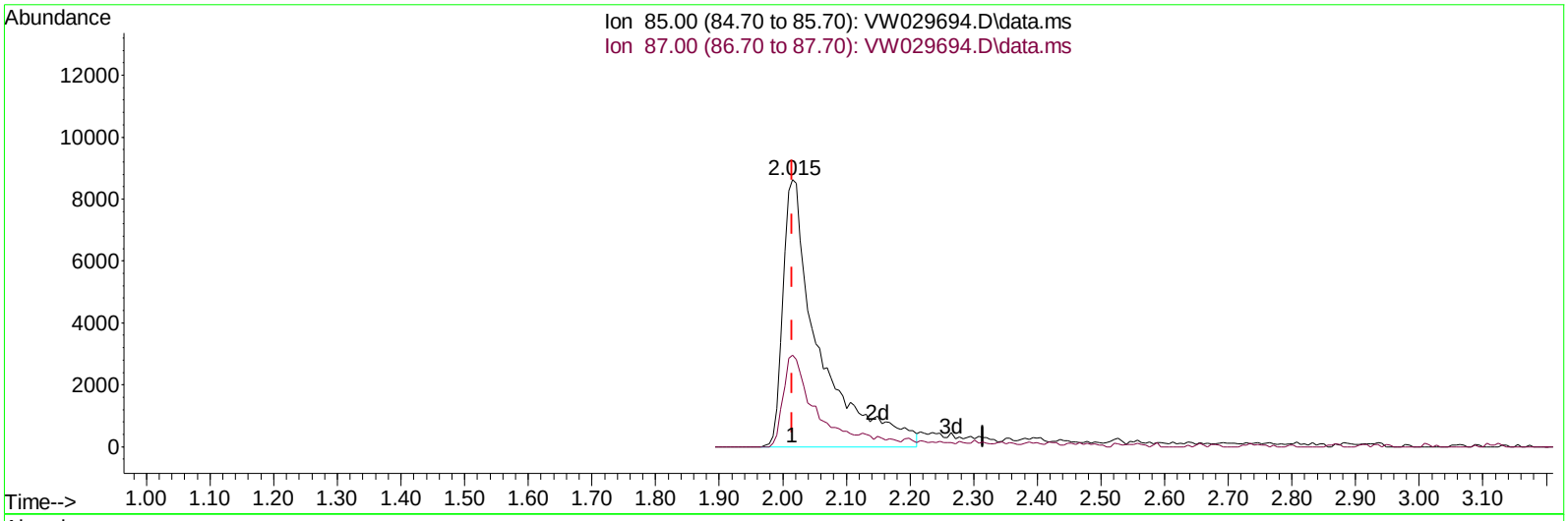

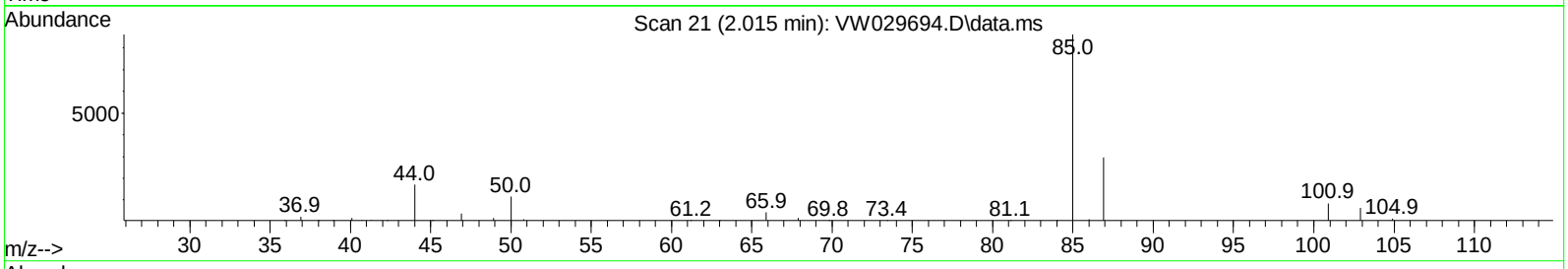

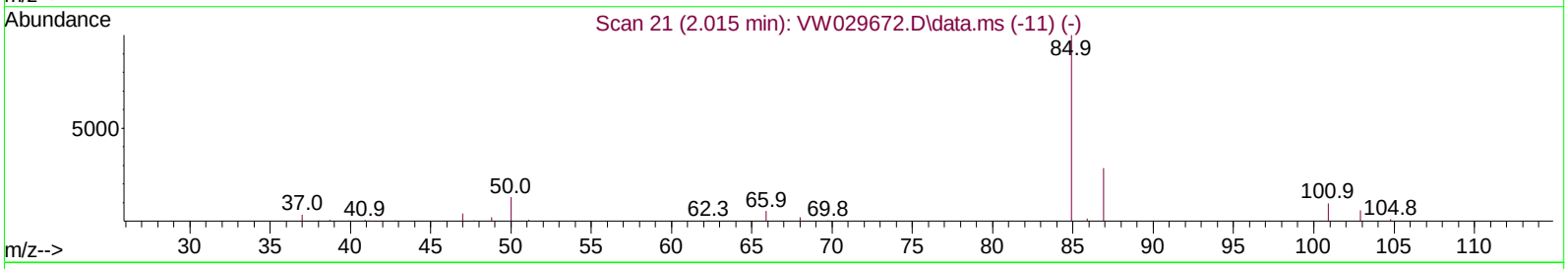

TIC: VW029694.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 16.08 ug/L m

response 33839

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.60	20.93#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	214886	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	202553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	63832	18.388	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.560%			
7) Chloroethane-d5	2.899	69	55245	22.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	4.027	65	31988	20.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.080%			
21) 2-Butanone-d5	7.075	46	54209	52.022	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.040%			
24) Chloroform-d	7.648	84	162993	26.237	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.960%			
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Spiked Amount 25.000	Range 20 - 135		Recovery = 97.920%			
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Spiked Amount 25.000	Range 70 - 120		Recovery = 105.080%			
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43) trans-1,3-Dichloroprop...	10.581	79	38056	23.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.640%			
47) 2-Hexanone-d5	10.922	63	37434	53.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.200%			
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Spiked Amount 25.000	Range 45 - 120		Recovery = 107.240%			
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Spiked Amount 25.000	Range 75 - 120		Recovery = 100.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	33839m	16.082	ug/L	
3) Chloromethane	2.222	50	50404	17.903	ug/L	97
5) Vinyl chloride	2.375	62	63665	19.816	ug/L	96
6) Bromomethane	2.789	94	38372	20.171	ug/L	93
8) Chloroethane	2.936	64	42212	21.352	ug/L	98
9) Trichlorofluoromethane	3.265	101	57004	19.710	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	65221	22.915	ug/L	95
12) 1,1-Dichloroethene	4.045	96	58063	21.727	ug/L	99
13) Acetone	4.124	43	37691	35.836	ug/L	97
14) Carbon disulfide	4.387	76	152367	17.557	ug/L	98
15) Methyl Acetate	4.673	43	40256	21.800	ug/L	98
16) Methylene chloride	4.923	84	91073	23.673	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	66186	22.373	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	119062	23.655	ug/L	99
19) 1,1-Dichloroethane	6.222	63	148923	24.513	ug/L	99
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22) 2-Butanone	7.173	43	54328	39.347	ug/L	98
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Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	7.679	83	146442	24.912 ug/L	99
27) 1,2-Dichloroethane	8.398	62	109662	24.872 ug/L	100
29) Cyclohexane	7.959	56	109705	21.751 ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	110977	23.993 ug/L	99
31) Carbon tetrachloride	8.069	117	97671	23.057 ug/L	99
33) Benzene	8.325	78	302172	23.844 ug/L	100
34) Trichloroethene	9.093	95	77021	23.014 ug/L	97
35) Methylcyclohexane	9.337	83	123645	22.986 ug/L	99
37) 1,2-Dichloropropane	9.367	63	89227	25.461 ug/L	100
38) Bromodichloromethane	9.642	83	107568	25.130 ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	128743	24.459 ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	119914	48.551 ug/L	99
42) Toluene	10.386	91	321482	24.796 ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108921	24.143 ug/L	99
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46) Tetrachloroethene	10.861	164	54687	23.001 ug/L	87
48) 2-Hexanone	10.965	43	84633	45.612 ug/L	98
49) Dibromochloromethane	11.123	129	62889	23.977 ug/L	98
50) 1,2-Dibromoethane	11.233	107	55364	23.051 ug/L	99
51) Chlorobenzene	11.654	112	201519	24.044 ug/L	99
52) Ethylbenzene	11.727	91	364161	24.792 ug/L	100
53) m,p-Xylene	11.836	106	134462	24.936 ug/L	99
54) o-Xylene	12.166	106	129334	25.932 ug/L	94
55) Styrene	12.178	104	230506	26.284 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77072	24.243 ug/L	96
59) Bromoform	12.349	173	36075	23.538 ug/L	95
60) Isopropylbenzene	12.458	105	355429	25.442 ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	56118	23.354 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	264391	26.606 ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	290252	26.465 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153301	24.482 ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	154811	24.132 ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	140853	24.884 ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	12785	22.256 ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	95222	23.310 ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	85618	23.820 ug/L	93
71) Naphthalene	15.360	128	171118	22.682 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74192	22.718 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
Data File : VW029694.D
Acq On : 22 Jul 2024 19:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 23 04:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/23/2024
Supervised By :Mahesh Dadoda 07/24/2024