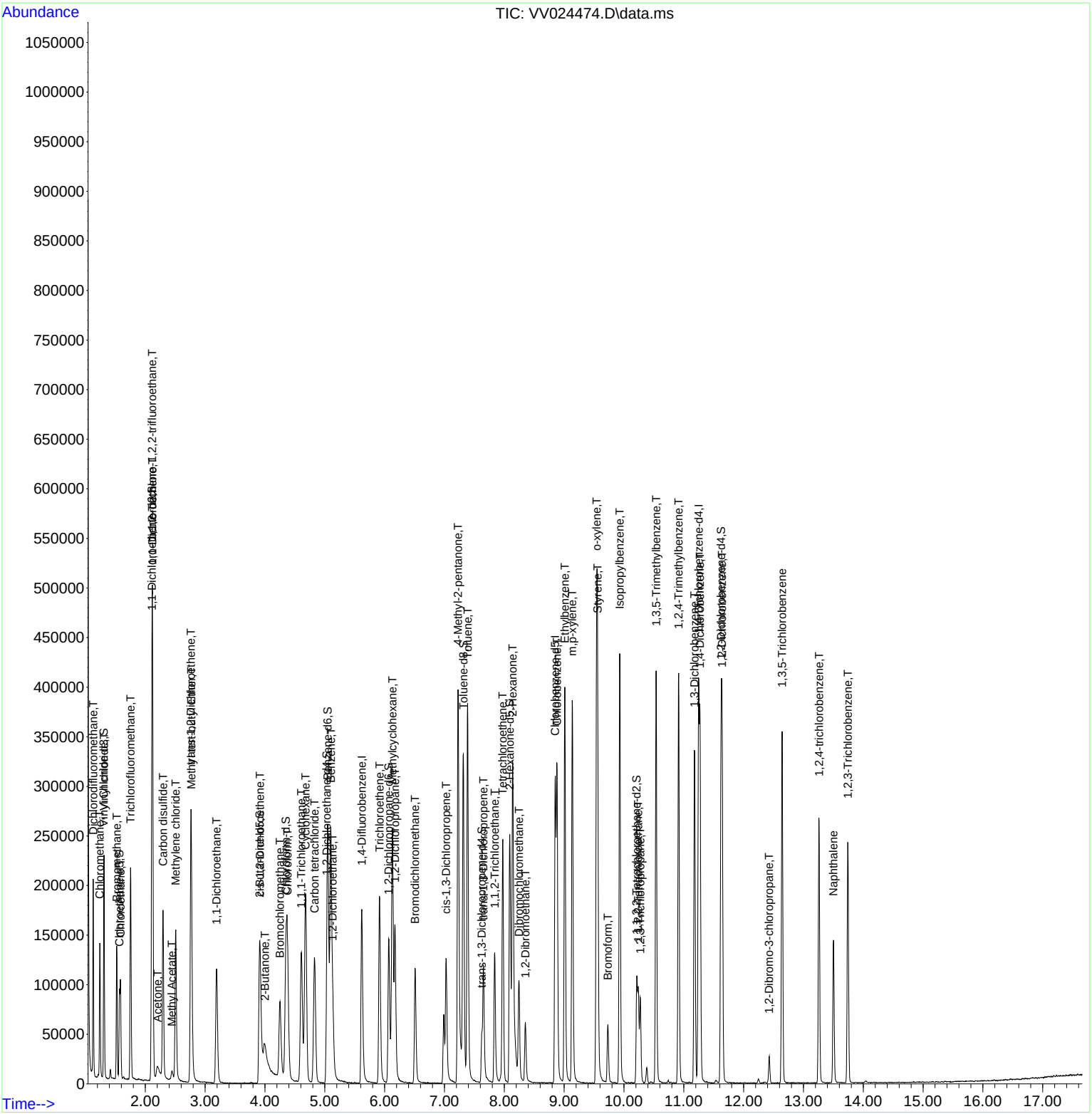
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012722\
Data File : VV024474.D
Acq On : 28 Jan 2022 00:21
Operator : SY/MD
Sample : N1317-06MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 03:25:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 03:20:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0AA4MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



Quantitation Report (Qedit)

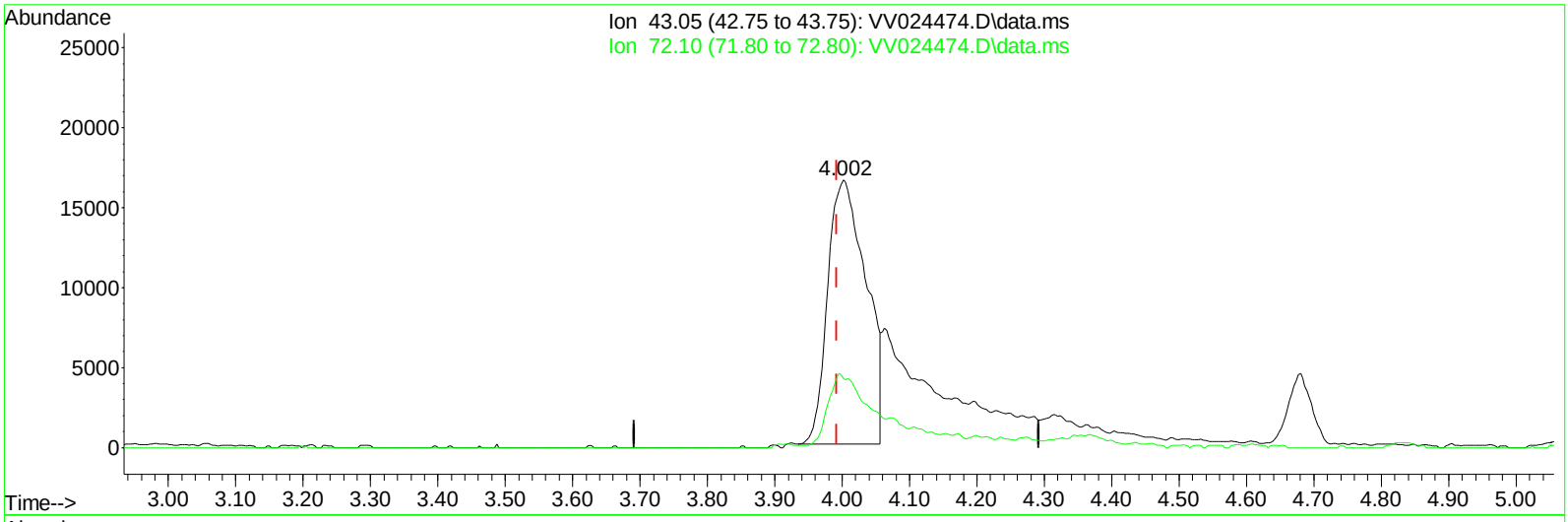
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012722\
Data File : VV024474.D
Acq On : 28 Jan 2022 00:21
Operator : SY/MD
Sample : N1317-06MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

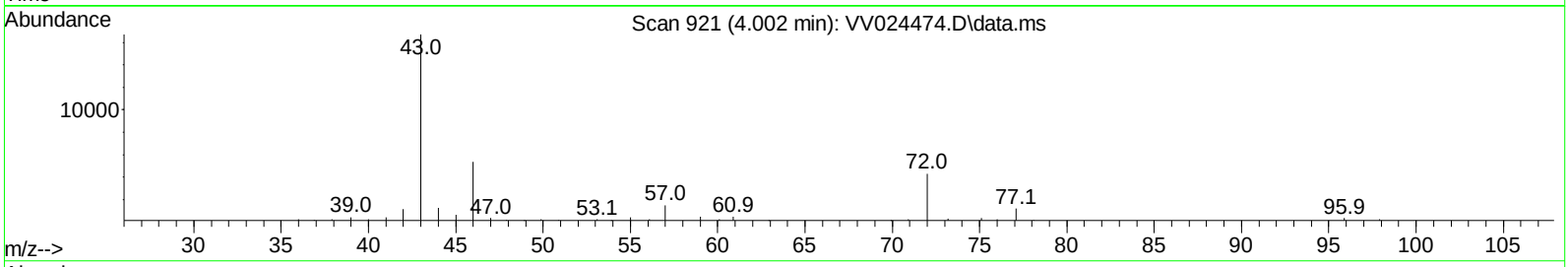
Quant Time: Feb 07 03:39:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration

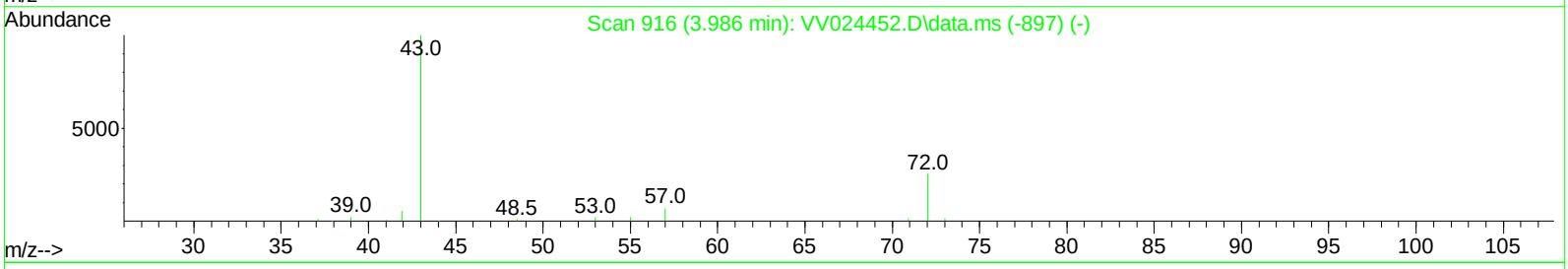
Instrument :
MSVOA_V
ClientSampleId :
H0AA4MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022







TIC: VV024474.D\data.ms

(21) 2-Butanone (T)

4.002min (+ 0.010) 32.62 ug/L

response 65443

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	27.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012722\
Data File : VV024474.D
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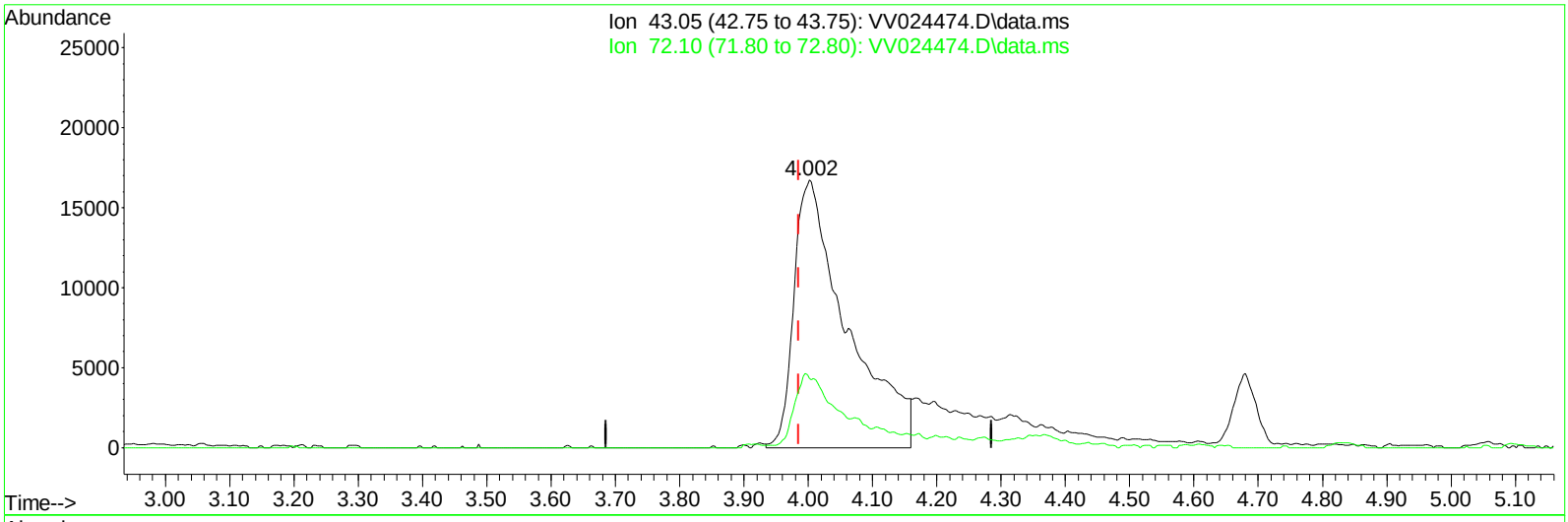
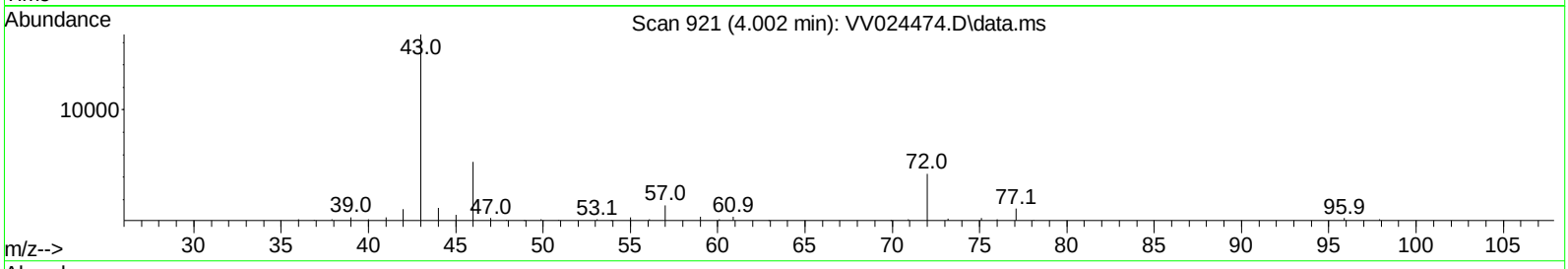
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 03:20:33 2022
Response via : Initial Calibration

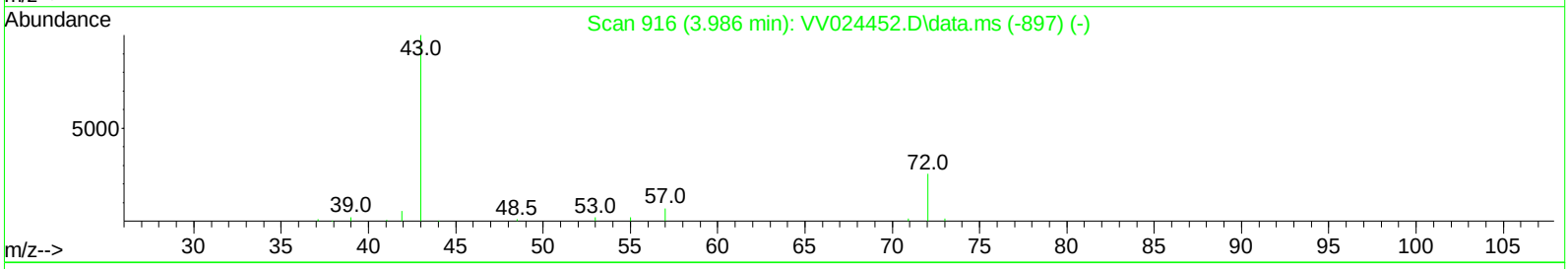
Instrument :
MSVOA_V
ClientSampleId :
H0AA4MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022







TIC: VV024474.D\data.ms

(21) 2-Butanone (T)

4.002min (+ 0.016) 47.71 ug/L m

response 95720

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	18.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012722\
Data File : VV024474.D
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Operator : SY/MD
Sample : N1317-06MSD
Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
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H0AA4MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152529	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	163734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54494	4.078	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.600%			
7) Chloroethane-d5	1.568	69	52664	4.518	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.400%			
11) 1,1-Dichloroethene-d2	2.111	63	119173	4.666	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	3.912	46	95317	44.755	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.520%			
24) Chloroform-d	4.349	84	128165	5.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.034	65	59925	5.218	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
32) Benzene-d6	5.050	84	231442	4.733	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	6.069	67	72726	4.723	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.317	98	212778	4.742	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	7.625	79	25429	4.809	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.092	63	106138	58.704	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.400%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49926	5.447	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	78453	4.686	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	99424	5.780	ug/L	100
3) Chloromethane	1.240	50	87174	5.577	ug/L	97
5) Vinyl chloride	1.310	62	89034	5.678	ug/L	99
6) Bromomethane	1.523	94	54587	5.560	ug/L	98
8) Chloroethane	1.587	64	53079	5.757	ug/L	98
9) Trichlorofluoromethane	1.754	101	126246	5.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	70524	5.833	ug/L	95
12) 1,1-Dichloroethene	2.121	96	63650	5.553	ug/L	98
13) Acetone	2.204	43	55450	49.942	ug/L	82
14) Carbon disulfide	2.298	76	195705	5.555	ug/L	99
15) Methyl Acetate	2.445	43	13234	4.413	ug/L #	83
16) Methylene chloride	2.510	84	63538	5.416	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	123339	5.979	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	64135	5.831	ug/L	92
19) 1,1-Dichloroethane	3.191	63	119674	5.836	ug/L	98
21) 2-Butanone	4.002	43	95720m	47.710	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	63549	5.753	ug/L	87
23) Bromochloromethane	4.249	128	28935	5.837	ug/L	89
25) Chloroform	4.378	83	121399	5.213	ug/L	97

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QLast Update : Fri Jan 28 03:20:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0AA4MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.133	62	66540	5.995	ug/L		99
29) 1,1,1-Trichloroethane	4.609	97	108976	5.738	ug/L		99
30) Cyclohexane	4.680	56	100222	5.591	ug/L		94
31) Carbon tetrachloride	4.828	117	97346	5.697	ug/L		100
33) Benzene	5.101	78	257653	5.880	ug/L		100
34) Trichloroethene	5.915	95	67521	5.451	ug/L		94
35) Methylcyclohexane	6.130	83	101222	5.540	ug/L		94
37) 1,2-Dichloropropane	6.175	63	64738	6.013	ug/L		97
38) Bromodichloromethane	6.510	83	80171	5.500	ug/L	#	97
39) cis-1,3-Dichloropropene	7.027	75	82883	5.714	ug/L		99
40) 4-Methyl-2-pentanone	7.227	43	315859	62.938	ug/L		98
42) Toluene	7.387	91	276919	5.966	ug/L		97
44) trans-1,3-Dichloropropene	7.651	75	73465	6.079	ug/L		97
45) 1,1,2-Trichloroethane	7.841	97	41977	5.766	ug/L		100
47) Tetrachloroethene	7.976	164	55937	5.732	ug/L		96
48) 2-Hexanone	8.140	43	231615	62.770	ug/L		98
49) Dibromochloromethane	8.246	129	52130	5.754	ug/L		99
50) 1,2-Dibromoethane	8.352	107	40700	5.964	ug/L		98
51) Chlorobenzene	8.883	112	170029	5.673	ug/L		95
52) Ethylbenzene	9.011	91	274658	5.628	ug/L		98
53) m,p-xylene	9.137	106	105802	5.777	ug/L		91
54) o-xylene	9.545	106	100837	5.842	ug/L		96
55) Styrene	9.561	104	178873	6.198	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44865	6.294	ug/L		98
59) Bromoform	9.731	173	27376	5.576	ug/L	#	97
60) Isopropylbenzene	9.931	105	273851	5.759	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	35995	5.949	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	216263	5.648	ug/L		98
63) 1,2,4-Trimethylbenzene	10.915	105	226764	5.772	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	140189	5.832	ug/L		98
65) 1,4-Dichlorobenzene	11.271	146	139824	5.713	ug/L		98
67) 1,2-Dichlorobenzene	11.641	146	125000	5.665	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6774	5.756	ug/L		87
69) 1,3,5-Trichlorobenzene	12.644	180	110534	5.642	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	84155	5.640	ug/L		99
71) Naphthalene	13.503	128	111475	5.924	ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	74205	5.829	ug/L		99

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