Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012424\
Data File : VW027854.D
Acq On : 24 Jan 2024 13:31
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Quant Time: Jan 25 00:26:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 25 00:24:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	380586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178830	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88395	19.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.120%			
7) Chloroethane-d5	2.899	69	59909	14.711	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.840%			
11) 1,1-Dichloroethene-d2	4.021	65	38752	18.546	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.200%			
21) 2-Butanone-d5	7.087	46	35656	46.420	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.840%			
24) Chloroform-d	7.648	84	192657	20.934	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.720%			
26) 1,2-Dichloroethane-d4	8.307	65	89339	21.427	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.720%			
32) Benzene-d6	8.270	84	399464	20.109	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.440%			
36) 1,2-Dichloropropane-d6	9.270	67	113233	20.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.400%			
41) Toluene-d8	10.318	98	381524	20.543	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.160%			
43) trans-1,3-Dichloroprop...	10.575	79	45826	21.451	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.800%			
47) 2-Hexanone-d5	10.922	63	33897	46.988	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86494	22.092	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	134181	21.344	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	85434	21.640	ug/L	99
3) Chloromethane	2.228	50	97385	19.850	ug/L	93
5) Vinyl chloride	2.375	62	122856	24.811	ug/L	99
6) Bromomethane	2.795	94	81140	21.046	ug/L	92
8) Chloroethane	2.942	64	61727	18.922	ug/L	99
9) Trichlorofluoromethane	3.271	101	114917	20.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103171	22.310	ug/L	96
12) 1,1-Dichloroethene	4.045	96	104834	23.158	ug/L	94
13) Acetone	4.149	43	37611	38.312	ug/L	100
14) Carbon disulfide	4.387	76	312656	22.468	ug/L	99
15) Methyl Acetate	4.679	43	32452	24.299	ug/L #	72
16) Methylene chloride	4.923	84	110029	19.941	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	112187	23.194	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	143092	24.214	ug/L	100
19) 1,1-Dichloroethane	6.216	63	191731	23.366	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	125438	23.844	ug/L	93
22) 2-Butanone	7.185	43	46304	48.626	ug/L	100
23) Bromochloromethane	7.514	128	54724	23.975	ug/L	95
25) Chloroform	7.673	83	199890	23.563	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Jan 25 00:24:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114868	23.957	ug/L	100
29) Cyclohexane	7.959	56	163426	22.947	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	162050	23.084	ug/L	99
31) Carbon tetrachloride	8.075	117	143652	23.590	ug/L	95
33) Benzene	8.325	78	448664	23.223	ug/L	100
34) Trichloroethene	9.093	95	121881	23.080	ug/L	96
35) Methylcyclohexane	9.331	83	202627	22.798	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108470	23.305	ug/L	99
38) Bromodichloromethane	9.642	83	140013	24.058	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	170716	23.803	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	88797	48.910	ug/L	99
42) Toluene	10.386	91	494866	23.536	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	137692	24.872	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83253	23.876	ug/L	97
46) Tetrachloroethene	10.861	164	97109	22.552	ug/L	91
48) 2-Hexanone	10.965	43	65003	49.449	ug/L	97
49) Dibromochloromethane	11.123	129	90613	23.782	ug/L	85
50) 1,2-Dibromoethane	11.233	107	79183	24.638	ug/L	94
51) Chlorobenzene	11.654	112	321046	23.123	ug/L	97
52) Ethylbenzene	11.727	91	551254	23.259	ug/L	100
53) m,p-Xylene	11.837	106	218074	23.640	ug/L	96
54) o-Xylene	12.160	106	208611	24.142	ug/L	96
55) Styrene	12.178	104	359669	24.638	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	93080	24.760	ug/L	97
59) Bromoform	12.349	173	56396	25.683	ug/L	97
60) Isopropylbenzene	12.458	105	561411	23.090	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63639	23.502	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	463759	23.740	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	456259	23.540	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	258069	23.136	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	247525	22.703	ug/L	88
67) 1,2-Dichlorobenzene	13.861	146	223937	23.555	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12413	23.490	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	186295	24.258	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	144261	22.878	ug/L	90
71) Naphthalene	15.360	128	257220	24.832	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	125862	23.734	ug/L	98

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

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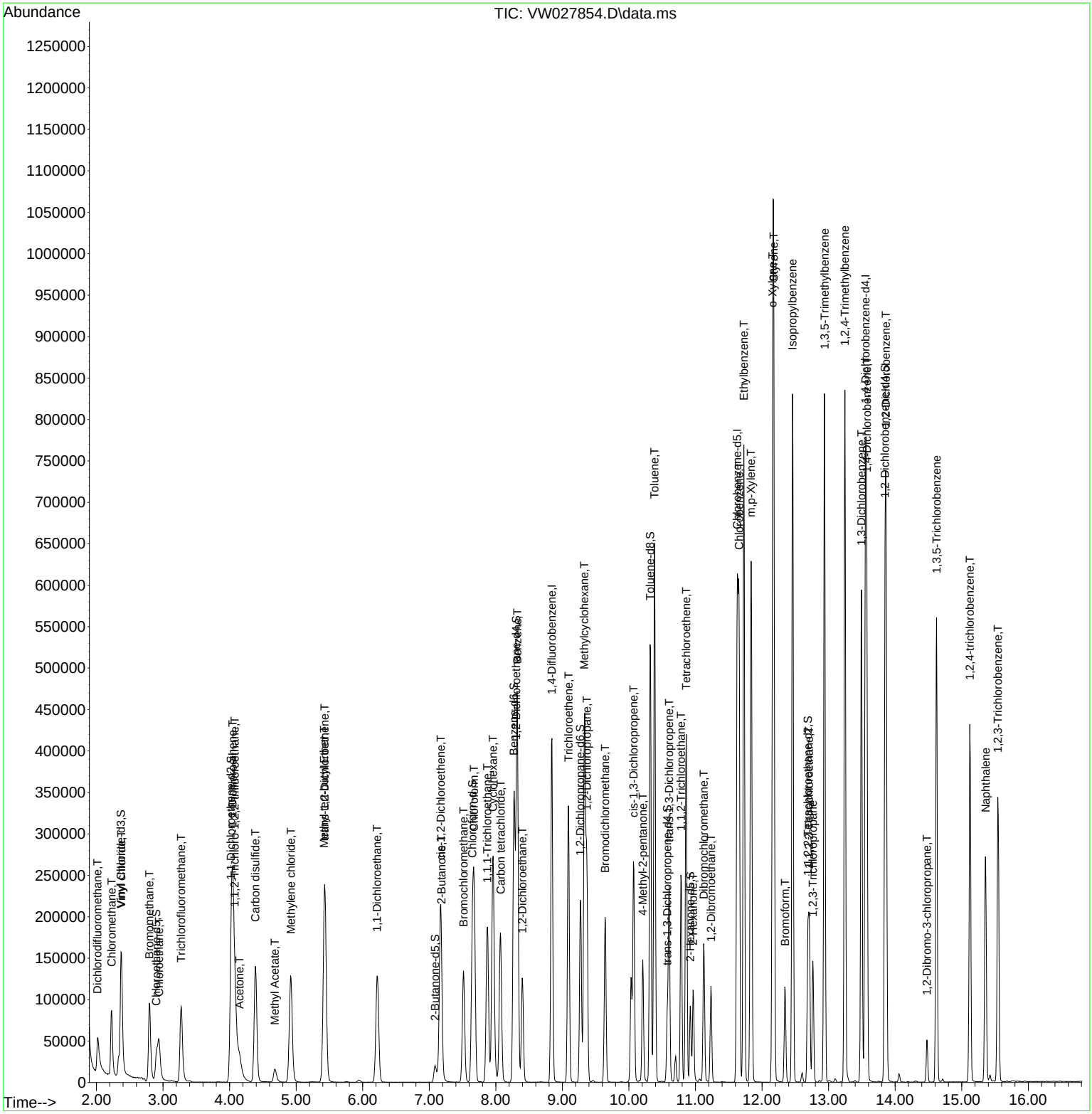
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