Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
Data File : VW026338.D
Acq On : 26 Jun 2023 16:32
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Quant Time: Jun 27 01:53:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:51:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	706964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	625648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	267736	26.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.280%			
7) Chloroethane-d5	2.893	69	179184	24.542	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.160%			
11) 1,1-Dichloroethene-d2	4.021	65	116158	24.981	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.920%			
21) 2-Butanone-d5	7.075	46	135332	41.926	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.860%			
24) Chloroform-d	7.648	84	485416	24.231	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.920%			
26) 1,2-Dichloroethane-d4	8.301	65	273784	24.323	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.280%			
32) Benzene-d6	8.270	84	987943	25.511	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.040%			
36) 1,2-Dichloropropane-d6	9.270	67	315007	25.033	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.120%			
41) Toluene-d8	10.319	98	873914	25.781	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.120%			
43) trans-1,3-Dichloroprop...	10.575	79	122521	24.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.000%			
47) 2-Hexanone-d5	10.922	63	87752	45.406	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.820%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234380	23.657	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.640%			
66) 1,2-Dichlorobenzene-d4	13.848	152	270983	24.920	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	204977	24.120	ug/L	91
3) Chloromethane	2.222	50	302559	24.622	ug/L	98
5) Vinyl chloride	2.375	62	298001	23.324	ug/L	98
6) Bromomethane	2.783	94	153187	21.844	ug/L	100
8) Chloroethane	2.930	64	154538	22.557	ug/L	99
9) Trichlorofluoromethane	3.259	101	179110	19.875	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	223902	22.950	ug/L	94
12) 1,1-Dichloroethene	4.051	96	209337	22.901	ug/L	98
13) Acetone	4.125	43	86290	33.399	ug/L	94
14) Carbon disulfide	4.387	76	746042	23.096	ug/L	100
15) Methyl Acetate	4.667	43	126166	21.302	ug/L	99
16) Methylene chloride	4.917	84	252293	21.089	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	235798	23.469	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	356308	22.674	ug/L	99
19) 1,1-Dichloroethane	6.210	63	484104	23.006	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	250723	23.092	ug/L	97
22) 2-Butanone	7.167	43	154208	39.009	ug/L	99
23) Bromochloromethane	7.514	128	106905	22.955	ug/L	96
25) Chloroform	7.673	83	448808	23.014	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:51:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323106	23.044	ug/L	99
29) Cyclohexane	7.959	56	434721	24.062	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	342932	22.658	ug/L	100
31) Carbon tetrachloride	8.069	117	315195	23.166	ug/L	97
33) Benzene	8.319	78	1011121	23.926	ug/L	100
34) Trichloroethene	9.093	95	252329	23.320	ug/L	98
35) Methylcyclohexane	9.337	83	442155	23.829	ug/L	100
37) 1,2-Dichloropropane	9.368	63	277567	23.508	ug/L	99
38) Bromodichloromethane	9.642	83	319022	23.528	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	402017	23.765	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	351367	46.104	ug/L	100
42) Toluene	10.386	91	1049242	24.749	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	334537	23.428	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	180894	22.882	ug/L	98
46) Tetrachloroethene	10.861	164	171772	22.533	ug/L	98
48) 2-Hexanone	10.965	43	243670	45.313	ug/L	99
49) Dibromochloromethane	11.129	129	184203	22.755	ug/L	99
50) 1,2-Dibromoethane	11.233	107	168693	23.242	ug/L	98
51) Chlorobenzene	11.654	112	632044	23.373	ug/L	99
52) Ethylbenzene	11.727	91	1164495	24.377	ug/L	96
53) m,p-Xylene	11.837	106	428984	24.623	ug/L	94
54) o-Xylene	12.160	106	399812	24.373	ug/L	95
55) Styrene	12.178	104	713407	24.935	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	224421	22.711	ug/L	100
59) Bromoform	12.349	173	107009	22.650	ug/L	99
60) Isopropylbenzene	12.458	105	1092510	23.276	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164539	21.674	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	880676	24.204	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	889577	25.349	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	456372	22.700	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	460720	22.899	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	413925	23.117	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	34518	19.728	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	306890	23.756	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	250287	23.674	ug/L	98
71) Naphthalene	15.360	128	525324	24.719	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	216326	21.916	ug/L	97

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

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