Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
Data File : VW025894.D
Acq On : 09 May 2023 08:22
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Quant Time: May 09 23:18:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	626436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	555952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	220219	24.808	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.240%			
7) Chloroethane-d5	2.899	69	178667	27.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.600%			
11) 1,1-Dichloroethene-d2	4.021	65	108167	24.334	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.320%			
21) 2-Butanone-d5	7.075	46	139170	47.423	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.840%			
24) Chloroform-d	7.648	84	457310	25.317	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.280%			
26) 1,2-Dichloroethane-d4	8.307	65	246296	24.113	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.440%			
32) Benzene-d6	8.276	84	927164	25.523	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.080%			
36) 1,2-Dichloropropane-d6	9.270	67	295799	25.450	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.800%			
41) Toluene-d8	10.325	98	821386	25.357	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.440%			
43) trans-1,3-Dichloroprop...	10.575	79	111781	23.726	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.920%			
47) 2-Hexanone-d5	10.922	63	96186	48.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.060%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220570	24.898	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	244773	23.898	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	161161	23.028	ug/L	97
3) Chloromethane	2.222	50	246340	23.872	ug/L	98
5) Vinyl chloride	2.375	62	249590	23.368	ug/L	100
6) Bromomethane	2.783	94	135811	23.378	ug/L	92
8) Chloroethane	2.930	64	146736	24.161	ug/L	98
9) Trichlorofluoromethane	3.265	101	170102	21.103	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	208758	23.813	ug/L	98
12) 1,1-Dichloroethene	4.045	96	194435	23.208	ug/L	99
13) Acetone	4.118	43	114814	44.123	ug/L	99
14) Carbon disulfide	4.387	76	633074	22.344	ug/L	99
15) Methyl Acetate	4.667	43	107293	20.923	ug/L	99
16) Methylene chloride	4.917	84	210791	16.316	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	205891	22.527	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	293982	21.193	ug/L	100
19) 1,1-Dichloroethane	6.216	63	427203	22.750	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	219784	22.414	ug/L	99
22) 2-Butanone	7.173	43	154714	43.059	ug/L	100
23) Bromochloromethane	7.514	128	91693	22.073	ug/L	98
25) Chloroform	7.673	83	399126	23.126	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272392	22.223	ug/L	100
29) Cyclohexane	7.959	56	403895	23.443	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	316050	23.245	ug/L	99
31) Carbon tetrachloride	8.069	117	292514	23.906	ug/L	99
33) Benzene	8.319	78	902959	23.476	ug/L	100
34) Trichloroethene	9.093	95	225359	22.833	ug/L	98
35) Methylcyclohexane	9.337	83	412108	23.476	ug/L	99
37) 1,2-Dichloropropane	9.367	63	244304	23.183	ug/L	100
38) Bromodichloromethane	9.642	83	275758	22.809	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	351474	22.743	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	301358	43.934	ug/L	99
42) Toluene	10.386	91	926388	23.571	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	291873	22.794	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	158003	22.414	ug/L	97
46) Tetrachloroethene	10.861	164	158836	22.875	ug/L	93
48) 2-Hexanone	10.965	43	230673	46.943	ug/L	97
49) Dibromochloromethane	11.129	129	163693	22.430	ug/L	93
50) 1,2-Dibromoethane	11.233	107	141925	21.840	ug/L	99
51) Chlorobenzene	11.654	112	562582	23.107	ug/L	97
52) Ethylbenzene	11.727	91	1063853	24.064	ug/L	100
53) m,p-Xylene	11.836	106	386577	23.759	ug/L	99
54) o-Xylene	12.166	106	365564	23.836	ug/L	93
55) Styrene	12.178	104	635167	24.197	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	194194	22.078	ug/L	98
59) Bromoform	12.349	173	91202	21.915	ug/L	99
60) Isopropylbenzene	12.458	105	1035643	24.249	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	140973	21.230	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	825395	24.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	730568	23.404	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	409914	22.296	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	419809	22.602	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	363196	22.151	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	29665	19.266	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	270818	22.191	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	221126	21.628	ug/L	99
71) Naphthalene	15.360	128	404028	20.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	198966	21.933	ug/L	97

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

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