Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041823\
Data File : VW025577.D
Acq On : 18 Apr 2023 16:29
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

Quant Time: Apr 19 04:12:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	695932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	641542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324289	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	206321	18.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.880%			
7) Chloroethane-d5	2.899	69	163957	20.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.320%			
11) 1,1-Dichloroethene-d2	4.033	63	460837	20.122	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.480%			
21) 2-Butanone-d5	7.075	46	142472	56.393	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.780%			
24) Chloroform-d	7.648	84	454187	23.244	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.960%			
26) 1,2-Dichloroethane-d4	8.307	65	245102	24.111	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.440%			
32) Benzene-d6	8.276	84	902128	21.717	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.880%			
36) 1,2-Dichloropropane-d6	9.276	67	293696	22.675	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.680%			
41) Toluene-d8	10.325	98	806547	22.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.920%			
43) trans-1,3-Dichloroprop...	10.575	79	110487	22.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.000%			
47) 2-Hexanone-d5	10.922	63	101479	57.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225688	25.816	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.280%			
66) 1,2-Dichlorobenzene-d4	13.855	152	252016	22.621	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	207889	21.361	ug/L	97
3) Chloromethane	2.222	50	269670	23.884	ug/L	99
5) Vinyl chloride	2.375	62	277906	22.265	ug/L	97
6) Bromomethane	2.789	94	154171	22.962	ug/L	98
8) Chloroethane	2.936	64	163212	23.348	ug/L	99
9) Trichlorofluoromethane	3.265	101	202892	21.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	242861	25.168	ug/L	97
12) 1,1-Dichloroethene	4.045	96	227027	23.505	ug/L	98
13) Acetone	4.118	43	120452	56.333	ug/L	99
14) Carbon disulfide	4.393	76	727822	21.358	ug/L	99
15) Methyl Acetate	4.673	43	132836	27.652	ug/L	97
16) Methylene chloride	4.917	84	268639	24.285	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	244508	23.811	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	377406	26.632	ug/L	100
19) 1,1-Dichloroethane	6.216	63	516554	25.178	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	270163	25.286	ug/L	96
22) 2-Butanone	7.173	43	180569	59.404	ug/L	100
23) Bromochloromethane	7.514	128	110402	25.197	ug/L	96
25) Chloroform	7.679	83	478161	25.486	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	330260	26.232	ug/L	99
29) Cyclohexane	7.959	56	472658	22.763	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	373952	23.459	ug/L	100
31) Carbon tetrachloride	8.069	117	337777	23.464	ug/L	100
33) Benzene	8.325	78	1070900	23.982	ug/L	100
34) Trichloroethene	9.093	95	268430	23.111	ug/L	91
35) Methylcyclohexane	9.337	83	475543	22.674	ug/L	100
37) 1,2-Dichloropropane	9.367	63	297495	25.226	ug/L	100
38) Bromodichloromethane	9.642	83	339849	25.187	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	427800	25.289	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	370578	55.516	ug/L	100
42) Toluene	10.386	91	1102765	24.253	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	357941	25.660	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	196045	26.071	ug/L	98
46) Tetrachloroethene	10.861	164	188921	23.127	ug/L	98
48) 2-Hexanone	10.965	43	267734	58.050	ug/L	98
49) Dibromochloromethane	11.129	129	209093	26.410	ug/L	96
50) 1,2-Dibromoethane	11.233	107	177147	25.640	ug/L	98
51) Chlorobenzene	11.654	112	693243	24.742	ug/L	99
52) Ethylbenzene	11.727	91	1251679	24.326	ug/L	99
53) m,p-Xylene	11.837	106	474669	25.155	ug/L	89
54) o-Xylene	12.166	106	446042	25.268	ug/L	95
55) Styrene	12.178	104	766901	25.811	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	242355	26.907	ug/L	99
59) Bromoform	12.349	173	118851	26.746	ug/L	98
60) Isopropylbenzene	12.458	105	1224701	24.109	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	173453	25.807	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1001823	24.983	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	972223	25.178	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	519806	24.693	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	528715	24.593	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	449192	24.340	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	38773	26.298	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	341619	24.238	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	280380	24.489	ug/L	99
71) Naphthalene	15.360	128	585425	27.403	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	252165	25.191	ug/L	95

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

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