Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
Data File : VW022708.D
Acq On : 29 Apr 2022 18:33
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

Quant Time: Apr 29 22:27:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 29 22:19:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	268618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267994	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	110169	18.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.200%			
7) Chloroethane-d5	2.886	69	82310	22.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.480%			
11) 1,1-Dichloroethene-d2	4.019	63	160227	20.803	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.200%			
21) 2-Butanone-d5	7.080	46	54411	52.482	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.960%			
24) Chloroform-d	7.647	84	212713	25.335	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.320%			
26) 1,2-Dichloroethane-d4	8.305	65	114050	23.774	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.080%			
32) Benzene-d6	8.275	84	387311	23.655	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	9.275	67	114666	24.200	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.800%			
41) Toluene-d8	10.323	98	378903	23.628	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.520%			
43) trans-1,3-Dichloroprop...	10.579	79	48543	21.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.840%			
47) 2-Hexanone-d5	10.921	63	44358	50.317	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.640%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109346	27.141	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	137904	25.692	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	34404	26.128	ug/L	99
3) Chloromethane	2.221	50	68097	20.742	ug/L	99
5) Vinyl chloride	2.361	62	135106	19.722	ug/L	98
6) Bromomethane	2.782	94	83941	20.157	ug/L	92
8) Chloroethane	2.922	64	67696	22.572	ug/L	98
9) Trichlorofluoromethane	3.257	101	61434	24.291	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	98330	24.416	ug/L	94
12) 1,1-Dichloroethene	4.044	96	86162	23.823	ug/L	89
13) Acetone	4.129	43	33993	48.157	ug/L	99
14) Carbon disulfide	4.391	76	200108	16.818	ug/L	96
15) Methyl Acetate	4.672	43	43871	24.766	ug/L	97
16) Methylene chloride	4.916	84	102567	25.375	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	100117	23.630	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167409	24.193	ug/L	96
19) 1,1-Dichloroethane	6.220	63	185851	24.040	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	117393	26.234	ug/L	79
22) 2-Butanone	7.177	43	54427	51.051	ug/L	97
23) Bromochloromethane	7.513	128	52458	27.239	ug/L	86
25) Chloroform	7.677	83	207133	25.439	ug/L	98

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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	8.397	62	135786	23.727	ug/L		98
29) Cyclohexane	7.958	56	136436	17.788	ug/L		93
30) 1,1,1-Trichloroethane	7.872	97	168614	22.681	ug/L		98
31) Carbon tetrachloride	8.074	117	153765	23.045	ug/L		100
33) Benzene	8.324	78	417062	22.922	ug/L		100
34) Trichloroethene	9.092	95	112970	23.189	ug/L		96
35) Methylcyclohexane	9.336	83	170356	19.490	ug/L		94
37) 1,2-Dichloropropane	9.366	63	106523	24.438	ug/L		99
38) Bromodichloromethane	9.646	83	155325	24.779	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	164511	23.784	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	129066	48.518	ug/L		95
42) Toluene	10.384	91	485208	23.272	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	144415	23.318	ug/L		93
45) 1,1,2-Trichloroethane	10.787	97	88932	26.733	ug/L		93
46) Tetrachloroethene	10.860	164	82427	23.017	ug/L		95
48) 2-Hexanone	10.969	43	87102	46.413	ug/L	#	95
49) Dibromochloromethane	11.128	129	109995	27.724	ug/L		92
50) 1,2-Dibromoethane	11.238	107	86140	26.223	ug/L		94
51) Chlorobenzene	11.658	112	326806	25.650	ug/L		94
52) Ethylbenzene	11.731	91	554734	23.737	ug/L		95
53) m,p-Xylene	11.835	106	219396	24.690	ug/L		93
54) o-Xylene	12.164	106	214314	25.239	ug/L		90
55) Styrene	12.177	104	368992	25.434	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	110387	27.035	ug/L		99
59) Bromoform	12.347	173	56934	25.284	ug/L		98
60) Isopropylbenzene	12.463	105	573234	22.772	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	80134	24.859	ug/L		97
62) 1,3,5-Trimethylbenzene	12.939	105	325563	23.517	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	496264	23.573	ug/L		94
64) 1,3-Dichlorobenzene	13.499	146	260462	25.495	ug/L		98
65) 1,4-Dichlorobenzene	13.573	146	254568	24.985	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	238734	26.129	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	16429	21.975	ug/L	#	88
69) 1,3,5-Trichlorobenzene	14.621	180	168174	25.230	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	135243	24.159	ug/L		94
71) Naphthalene	15.359	128	303100	25.670	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	121628	25.418	ug/L		97

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

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