Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
Data File : VW021317.D
Acq On : 11 Dec 2021 10:23
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Quant Time: Dec 12 08:06:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	91372	25.000 ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87372	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50070	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.349	65	48681	29.253 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.000%		
7) Chloroethane-d5	2.879	69	33093	30.081 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.320%		
11) 1,1-Dichloroethene-d2	4.019	63	60183	27.127 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.520%		
21) 2-Butanone-d5	7.074	46	14449	61.596 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.200%		
24) Chloroform-d	7.647	84	68451	26.882 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.520%		
26) 1,2-Dichloroethane-d4	8.305	65	35182	25.975 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.880%		
32) Benzene-d6	8.275	84	129048	26.946 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.800%		
36) 1,2-Dichloropropane-d6	9.274	67	34859	27.140 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.560%		
41) Toluene-d8	10.323	98	126560	25.864 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.440%		
43) trans-1,3-Dichloroprop...	10.573	79	17507	29.603 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.400%		
47) 2-Hexanone-d5	10.920	63	12315	64.841 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.680%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32665	29.585 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	48968	25.235 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.920%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	9651	27.337 ug/L	93
3) Chloromethane	2.209	50	28160	24.093 ug/L	97
5) Vinyl chloride	2.361	62	48233	26.287 ug/L	95
6) Bromomethane	2.776	94	30126	25.313 ug/L	89
8) Chloroethane	2.916	64	22938	27.136 ug/L	98
9) Trichlorofluoromethane	3.257	101	24234	25.032 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	32643	25.872 ug/L	91
12) 1,1-Dichloroethene	4.038	96	29268	25.842 ug/L	81
13) Acetone	4.123	43	10475	49.812 ug/L	95
14) Carbon disulfide	4.379	76	82416	28.178 ug/L	98
15) Methyl Acetate	4.672	43	10683	29.443 ug/L #	88
16) Methylene chloride	4.915	84	29328	19.425 ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	30543	24.906 ug/L	80
18) Methyl tert-butyl Ether	5.428	73	43070	25.430 ug/L	94
19) 1,1-Dichloroethane	6.214	63	48263	25.080 ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	31754	24.550 ug/L	75
22) 2-Butanone	7.171	43	14830	54.001 ug/L	86
23) Bromochloromethane	7.513	128	15801	26.126 ug/L #	63
25) Chloroform	7.677	83	55045	24.641 ug/L	97

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Instrument :
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ClientSampleId :
VSTD025525

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	35634	25.189	ug/L		96
29) Cyclohexane	7.958	56	41760	24.013	ug/L	#	79
30) 1,1,1-Trichloroethane	7.872	97	50763	25.894	ug/L		94
31) Carbon tetrachloride	8.067	117	49303	27.263	ug/L		99
33) Benzene	8.323	78	114946	24.150	ug/L		100
34) Trichloroethene	9.092	95	31944	23.909	ug/L		92
35) Methylcyclohexane	9.335	83	52991	24.043	ug/L	#	83
37) 1,2-Dichloropropane	9.366	63	26295	24.768	ug/L	#	95
38) Bromodichloromethane	9.646	83	41069	28.135	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	44678	26.697	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	32654	56.448	ug/L	#	92
42) Toluene	10.384	91	133351	23.956	ug/L		94
44) trans-1,3-Dichloropropene	10.603	75	40459	27.601	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	23190	26.687	ug/L		94
46) Tetrachloroethene	10.860	164	29944	23.592	ug/L		92
48) 2-Hexanone	10.963	43	24592	58.622	ug/L	#	91
49) Dibromochloromethane	11.128	129	32194	30.053	ug/L		84
50) 1,2-Dibromoethane	11.238	107	23375	27.031	ug/L	#	99
51) Chlorobenzene	11.658	112	89422	23.994	ug/L		90
52) Ethylbenzene	11.731	91	145194	22.825	ug/L		95
53) m,p-Xylene	11.835	106	59172	23.058	ug/L		86
54) o-Xylene	12.164	106	58290	23.934	ug/L		89
55) Styrene	12.182	104	100087	24.147	ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	27667	27.775	ug/L	#	95
59) Bromoform	12.347	173	19493	32.720	ug/L		95
60) Isopropylbenzene	12.463	105	156699	23.032	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	19320	26.513	ug/L	#	93
62) 1,3,5-Trimethylbenzene	12.945	105	132754	22.930	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	135447	23.716	ug/L		93
64) 1,3-Dichlorobenzene	13.499	146	76811	23.935	ug/L		90
65) 1,4-Dichlorobenzene	13.579	146	80134	25.133	ug/L		89
67) 1,2-Dichlorobenzene	13.865	146	70121	24.819	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4770	31.735	ug/L	#	78
69) 1,3,5-Trichlorobenzene	14.627	180	55042	22.948	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	47505	24.624	ug/L		91
71) Naphthalene	15.359	128	82600	26.354	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	40694	25.524	ug/L		96

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

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