Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
Data File : VW019204.D
Acq On : 14 Jun 2021 09:34
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025113

Quant Time: Jun 15 01:11:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 12 00:22:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	538195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	480257	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	244306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142872	20.076	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.320%			
7) Chloroethane-d5	2.898	69	130606	21.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	4.025	63	324125	22.923	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.680%			
21) 2-Butanone-d5	7.086	46	67352	36.130	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.260%			
24) Chloroform-d	7.653	84	325537	22.498	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	8.311	65	165468	20.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.560%			
32) Benzene-d6	8.275	84	607489	22.202	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	9.274	67	187233	22.571	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.280%			
41) Toluene-d8	10.323	98	551238	21.936	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.760%			
43) trans-1,3-Dichloroprop...	10.579	79	74069	20.617	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.480%			
47) 2-Hexanone-d5	10.927	63	55448	39.419	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.840%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	140984	20.604	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	181472	21.282	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	180688	25.914	ug/L	92
3) Chloromethane	2.221	50	167620	26.002	ug/L	98
5) Vinyl chloride	2.367	62	267153	27.148	ug/L	96
6) Bromomethane	2.788	94	167565	22.900	ug/L	98
8) Chloroethane	2.934	64	159144	27.203	ug/L	98
9) Trichlorofluoromethane	3.269	101	158355	29.320	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	206123	26.682	ug/L	96
12) 1,1-Dichloroethene	4.050	96	199264	26.111	ug/L	88
13) Acetone	4.147	43	86628	52.442	ug/L	91
14) Carbon disulfide	4.391	76	635065	26.328	ug/L	99
15) Methyl Acetate	4.678	43	66606	20.047	ug/L	98
16) Methylene chloride	4.922	84	203878	20.416	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	208425	25.349	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	244477	23.001	ug/L	98
19) 1,1-Dichloroethane	6.220	63	384782	26.366	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	211273	24.679	ug/L	88
22) 2-Butanone	7.183	43	104972	47.527	ug/L	100
23) Bromochloromethane	7.519	128	88007	23.368	ug/L	89
25) Chloroform	7.677	83	380400	25.557	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	235440	23.359	ug/L	98
29) Cyclohexane	7.958	56	348071	27.853	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	303524	27.466	ug/L	99
31) Carbon tetrachloride	8.067	117	279289	27.372	ug/L	99
33) Benzene	8.323	78	844444	26.732	ug/L	100
34) Trichloroethene	9.092	95	218844	26.576	ug/L	92
35) Methylcyclohexane	9.335	83	387498	27.346	ug/L	96
37) 1,2-Dichloropropane	9.372	63	202296	26.070	ug/L	98
38) Bromodichloromethane	9.646	83	259373	25.770	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	304647	25.338	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	197484	42.734	ug/L	97
42) Toluene	10.390	91	912994	26.864	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	264877	24.958	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	137938	23.610	ug/L	97
46) Tetrachloroethene	10.866	164	160664	25.524	ug/L	95
48) 2-Hexanone	10.969	43	151545	48.782	ug/L	95
49) Dibromochloromethane	11.128	129	156725	24.203	ug/L	100
50) 1,2-Dibromoethane	11.231	107	126805	22.402	ug/L	96
51) Chlorobenzene	11.658	112	531227	25.323	ug/L	98
52) Ethylbenzene	11.731	91	1000595	26.764	ug/L	96
53) m,p-Xylene	11.841	106	367997	26.691	ug/L	99
54) o-Xylene	12.164	106	348492	26.535	ug/L	95
55) Styrene	12.182	104	599506	26.544	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	161728	22.462	ug/L	98
59) Bromoform	12.347	173	83065	22.070	ug/L	98
60) Isopropylbenzene	12.463	105	984645	26.920	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	117435	21.486	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	794238	26.439	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	799107	26.648	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	394568	24.718	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	409112	25.064	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	352989	24.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24566	20.532	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	295995	25.664	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	226386	23.916	ug/L	97
71) Naphthalene	15.365	128	423045	22.416	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207042	24.686	ug/L	97

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

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