Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
Data File : VW019631.D
Acq On : 27 Jul 2021 18:47
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025500

Quant Time: Jul 28 00:52:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 28 00:48:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	380632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	365875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	191229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	102091	18.930	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.720%			
7) Chloroethane-d5	2.898	69	82731	21.512	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.040%			
11) 1,1-Dichloroethene-d2	4.038	63	208713	20.057	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.240%			
21) 2-Butanone-d5	7.086	46	82410	52.648	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.300%			
24) Chloroform-d	7.653	84	241474	22.960	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	8.311	65	133742	23.173	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.680%			
32) Benzene-d6	8.281	84	464368	21.322	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.280%			
36) 1,2-Dichloropropane-d6	9.275	67	146588	21.595	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.360%			
41) Toluene-d8	10.323	98	414862	21.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.520%			
43) trans-1,3-Dichloroprop...	10.579	79	63624	21.886	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.560%			
47) 2-Hexanone-d5	10.927	63	67038	53.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.460%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	141457	25.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	151290	22.423	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	112416	24.793	ug/L	100
3) Chloromethane	2.221	50	100232	21.543	ug/L	97
5) Vinyl chloride	2.373	62	146176	22.827	ug/L	97
6) Bromomethane	2.788	94	84800	23.949	ug/L	99
8) Chloroethane	2.934	64	83841	24.598	ug/L	95
9) Trichlorofluoromethane	3.269	101	92264	23.717	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	120267	24.169	ug/L	94
12) 1,1-Dichloroethene	4.056	96	117958	23.738	ug/L	92
13) Acetone	4.129	43	51569	44.711	ug/L	87
14) Carbon disulfide	4.397	76	358735	22.544	ug/L	99
15) Methyl Acetate	4.678	43	66341	25.843	ug/L	99
16) Methylene chloride	4.928	84	147709	19.466	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	127418	23.579	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	181316	24.286	ug/L	96
19) 1,1-Dichloroethane	6.226	63	237653	23.953	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	139454	24.399	ug/L	98
22) 2-Butanone	7.177	43	81875	45.877	ug/L	99
23) Bromochloromethane	7.519	128	65043	25.269	ug/L	97
25) Chloroform	7.677	83	244723	24.935	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Wed Jul 28 00:48:17 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	165600	25.079	ug/L	97
29) Cyclohexane	7.964	56	205852	21.940	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	183322	24.277	ug/L	99
31) Carbon tetrachloride	8.074	117	169535	24.131	ug/L	100
33) Benzene	8.330	78	550511	24.039	ug/L	100
34) Trichloroethene	9.092	95	136560	23.364	ug/L	93
35) Methylcyclohexane	9.335	83	231485	22.380	ug/L	95
37) 1,2-Dichloropropane	9.372	63	140985	24.293	ug/L	99
38) Bromodichloromethane	9.646	83	176377	24.509	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	209549	23.610	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	188262	51.397	ug/L	97
42) Toluene	10.390	91	580723	24.329	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	187601	24.031	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	108719	25.177	ug/L	99
46) Tetrachloroethene	10.866	164	104076	23.363	ug/L	100
48) 2-Hexanone	10.969	43	131669	52.778	ug/L	96
49) Dibromochloromethane	11.128	129	117191	25.236	ug/L	91
50) 1,2-Dibromoethane	11.238	107	103806	25.063	ug/L	99
51) Chlorobenzene	11.658	112	360318	24.006	ug/L	96
52) Ethylbenzene	11.731	91	619910	23.856	ug/L	98
53) m,p-Xylene	11.841	106	241183	24.559	ug/L	98
54) o-Xylene	12.164	106	228765	24.651	ug/L	99
55) Styrene	12.183	104	404427	25.152	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	137114	25.784	ug/L	98
59) Bromoform	12.347	173	67409	24.696	ug/L	97
60) Isopropylbenzene	12.463	105	604722	23.530	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	103303	24.660	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	511160	23.754	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	518751	23.925	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	266058	22.623	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	275354	23.695	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	250382	23.632	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22560	24.679	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	202175	23.527	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	156247	21.748	ug/L	96
71) Naphthalene	15.365	128	363359	25.041	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	153496	23.857	ug/L	97

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

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