Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
Data File : VW023401.D
Acq On : 06 Jun 2022 12:52
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

Quant Time: Jun 07 01:48:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 06 12:48:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	413803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	386473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151132	23.595	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.360%			
7) Chloroethane-d5	2.886	69	114322	25.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.360%			
11) 1,1-Dichloroethene-d2	4.026	63	226366	23.533	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.120%			
21) 2-Butanone-d5	7.074	46	57418	46.480	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.960%			
24) Chloroform-d	7.653	84	268641	24.076	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.320%			
26) 1,2-Dichloroethane-d4	8.305	65	137563	23.469	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.880%			
32) Benzene-d6	8.275	84	514102	23.964	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.840%			
36) 1,2-Dichloropropane-d6	9.275	67	147470	24.525	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.120%			
41) Toluene-d8	10.323	98	500144	24.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.920%			
43) trans-1,3-Dichloroprop...	10.579	79	65453	24.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.600%			
47) 2-Hexanone-d5	10.927	63	45414	50.456	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.920%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127221	24.728	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	179791	23.620	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	41330	30.343	ug/L	94
3) Chloromethane	2.221	50	130625	27.199	ug/L	98
5) Vinyl chloride	2.361	62	193289	26.278	ug/L	97
6) Bromomethane	2.782	94	105191	26.018	ug/L	94
8) Chloroethane	2.922	64	103344	28.702	ug/L	95
9) Trichlorofluoromethane	3.257	101	90867	22.516	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	132406	24.971	ug/L	97
12) 1,1-Dichloroethene	4.044	96	118564	25.061	ug/L	92
13) Acetone	4.123	43	40665	43.889	ug/L	98
14) Carbon disulfide	4.385	76	390934	25.781	ug/L	99
15) Methyl Acetate	4.672	43	49648	24.397	ug/L	100
16) Methylene chloride	4.922	84	136499	22.900	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	143456	25.446	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	218869	26.790	ug/L	99
19) 1,1-Dichloroethane	6.220	63	241715	25.637	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	151901	25.760	ug/L	99
22) 2-Butanone	7.171	43	66613	49.403	ug/L	100
23) Bromochloromethane	7.519	128	70367	25.440	ug/L	92
25) Chloroform	7.677	83	266194	25.494	ug/L	97

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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	8.403	62	173042	26.323	ug/L	100
29) Cyclohexane	7.958	56	217778	26.372	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	230988	25.123	ug/L	99
31) Carbon tetrachloride	8.068	117	211457	24.930	ug/L	100
33) Benzene	8.324	78	580590	25.599	ug/L	100
34) Trichloroethene	9.092	95	156371	25.203	ug/L	96
35) Methylcyclohexane	9.336	83	260741	25.604	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137318	25.836	ug/L	99
38) Bromodichloromethane	9.646	83	195882	26.269	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	222078	26.672	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	154084	53.320	ug/L	100
42) Toluene	10.390	91	667313	26.093	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	197885	27.231	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	110149	25.814	ug/L	95
46) Tetrachloroethene	10.860	164	124448	25.355	ug/L	86
48) 2-Hexanone	10.969	43	103921	55.610	ug/L	98
49) Dibromochloromethane	11.128	129	137404	26.624	ug/L	98
50) 1,2-Dibromoethane	11.238	107	110923	26.537	ug/L	97
51) Chlorobenzene	11.658	112	432913	25.865	ug/L	96
52) Ethylbenzene	11.731	91	740673	26.286	ug/L	98
53) m,p-Xylene	11.841	106	291911	26.765	ug/L	100
54) o-Xylene	12.164	106	282318	27.021	ug/L	96
55) Styrene	12.177	104	484952	26.974	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	133049	26.002	ug/L	95
59) Bromoform	12.347	173	76280	26.175	ug/L	98
60) Isopropylbenzene	12.463	105	766021	25.454	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95724	25.166	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	637734	25.603	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	651686	26.435	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	338117	24.761	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	348662	24.965	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	313739	25.327	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20030	24.797	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	225265	24.948	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	177152	25.329	ug/L	98
71) Naphthalene	15.359	128	372425	28.692	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	154893	25.470	ug/L	97

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

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