Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
Data File : VW026190.D
Acq On : 14 Jun 2023 20:03
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Quant Time: Jun 14 23:27:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	664109	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	304428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186096	19.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.680%			
7) Chloroethane-d5	2.893	69	168829	24.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.560%			
11) 1,1-Dichloroethene-d2	4.021	65	94348	20.480	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.920%			
21) 2-Butanone-d5	7.075	46	161516	59.382	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.760%			
24) Chloroform-d	7.648	84	468128	24.071	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.280%			
26) 1,2-Dichloroethane-d4	8.301	65	257484	24.213	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.840%			
32) Benzene-d6	8.276	84	905006	22.136	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.560%			
36) 1,2-Dichloropropane-d6	9.270	67	298194	23.022	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.080%			
41) Toluene-d8	10.325	98	787454	21.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.880%			
43) trans-1,3-Dichloroprop...	10.575	79	106349	20.720	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.880%			
47) 2-Hexanone-d5	10.922	63	111175	54.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.860%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246900	26.195	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	254870	21.873	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	164155	20.164	ug/L	98
3) Chloromethane	2.222	50	250815	24.027	ug/L	96
5) Vinyl chloride	2.375	62	266966	23.926	ug/L	99
6) Bromomethane	2.783	94	148915	24.481	ug/L	98
8) Chloroethane	2.936	64	162040	26.874	ug/L	96
9) Trichlorofluoromethane	3.265	101	170467	23.747	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	217079	23.965	ug/L #	70
12) 1,1-Dichloroethene	4.051	96	202167	23.910	ug/L	78
13) Acetone	4.118	43	99598	47.323	ug/L	100
14) Carbon disulfide	4.393	76	643208	21.549	ug/L	100
15) Methyl Acetate	4.667	43	129766	27.472	ug/L	100
16) Methylene chloride	4.923	84	240019	22.644	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	225437	23.763	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	372207	24.894	ug/L	100
19) 1,1-Dichloroethane	6.216	63	478464	24.773	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	253569	25.233	ug/L	97
22) 2-Butanone	7.167	43	166317	55.398	ug/L	99
23) Bromochloromethane	7.514	128	105759	24.678	ug/L	93
25) Chloroform	7.679	83	451320	25.089	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	316586	25.517	ug/L	99
29) Cyclohexane	7.959	56	408540	21.779	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	343578	23.301	ug/L	99
31) Carbon tetrachloride	8.069	117	307311	22.839	ug/L	97
33) Benzene	8.325	78	1003185	24.102	ug/L	100
34) Trichloroethene	9.093	95	246701	23.147	ug/L	98
35) Methylcyclohexane	9.331	83	415898	22.053	ug/L	100
37) 1,2-Dichloropropane	9.367	63	277884	24.649	ug/L	100
38) Bromodichloromethane	9.642	83	318938	24.351	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	388949	23.477	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	367030	55.221	ug/L	100
42) Toluene	10.386	91	1018636	23.927	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	323732	23.455	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	186768	25.137	ug/L	96
46) Tetrachloroethene	10.861	164	168197	22.312	ug/L	97
48) 2-Hexanone	10.965	43	253822	54.160	ug/L	96
49) Dibromochloromethane	11.123	129	195866	25.143	ug/L	94
50) 1,2-Dibromoethane	11.233	107	169059	24.574	ug/L	93
51) Chlorobenzene	11.654	112	620860	23.273	ug/L	98
52) Ethylbenzene	11.727	91	1156129	24.074	ug/L	99
53) m,p-Xylene	11.837	106	426423	23.868	ug/L	95
54) o-Xylene	12.166	106	404125	23.966	ug/L	98
55) Styrene	12.178	104	714925	24.713	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	235848	26.229	ug/L	97
59) Bromoform	12.349	173	106650	23.325	ug/L	99
60) Isopropylbenzene	12.464	105	1105080	23.108	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	167904	24.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	892378	23.473	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	817555	23.479	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	479767	23.860	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	465531	22.996	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	413914	22.923	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37490	23.729	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	286329	20.729	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	244055	21.413	ug/L	93
71) Naphthalene	15.360	128	483625	23.808	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225249	22.613	ug/L	97

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

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