Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061223\
Data File : VW026177.D
Acq On : 12 Jun 2023 13:33
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

Quant Time: Jun 13 01:21:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 13 01:20:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234095	26.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.520%			
7) Chloroethane-d5	2.899	69	207153	31.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.760%			
11) 1,1-Dichloroethene-d2	4.027	65	120214	27.478	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.920%			
21) 2-Butanone-d5	7.075	46	162876	63.054	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.100%			
24) Chloroform-d	7.648	84	526015	28.481	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.920%			
26) 1,2-Dichloroethane-d4	8.301	65	289529	28.669	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.680%			
32) Benzene-d6	8.276	84	1033292	27.241	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.960%			
36) 1,2-Dichloropropane-d6	9.270	67	330127	27.472	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.880%			
41) Toluene-d8	10.319	98	910823	27.076	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.320%			
43) trans-1,3-Dichloroprop...	10.575	79	125569	26.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.480%			
47) 2-Hexanone-d5	10.922	63	113675	59.992	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251025	28.706	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.840%			
66) 1,2-Dichlorobenzene-d4	13.849	152	282392	25.740	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	199073	25.748	ug/L	91
3) Chloromethane	2.223	50	268011	27.035	ug/L	95
5) Vinyl chloride	2.375	62	291886	27.545	ug/L	99
6) Bromomethane	2.783	94	164104	28.407	ug/L	98
8) Chloroethane	2.930	64	176268	30.782	ug/L	100
9) Trichlorofluoromethane	3.265	101	173405	25.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	227880	26.491	ug/L	99
12) 1,1-Dichloroethene	4.045	96	212910	26.514	ug/L	95
13) Acetone	4.119	43	97938	49.000	ug/L	97
14) Carbon disulfide	4.393	76	696991	24.588	ug/L	99
15) Methyl Acetate	4.667	43	122582	27.326	ug/L	100
16) Methylene chloride	4.917	84	250207	24.856	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	233165	25.880	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	368953	25.983	ug/L	99
19) 1,1-Dichloroethane	6.216	63	490019	26.716	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	257477	26.980	ug/L	96
22) 2-Butanone	7.167	43	156774	54.986	ug/L	99
23) Bromochloromethane	7.514	128	106268	26.110	ug/L	96
25) Chloroform	7.673	83	460042	26.929	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Tue Jun 13 01:20:44 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320739	27.222	ug/L		97
29) Cyclohexane	7.959	56	439831	25.273	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	359361	26.269	ug/L		99
31) Carbon tetrachloride	8.063	117	324304	25.979	ug/L		99
33) Benzene	8.319	78	1019089	26.390	ug/L		100
34) Trichloroethene	9.093	95	256201	25.910	ug/L		95
35) Methylcyclohexane	9.331	83	447143	25.555	ug/L		100
37) 1,2-Dichloropropane	9.368	63	275827	26.371	ug/L		99
38) Bromodichloromethane	9.642	83	327374	26.941	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	413093	26.876	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	346926	56.260	ug/L		99
42) Toluene	10.386	91	1044009	26.432	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	337731	26.375	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	179016	25.969	ug/L		98
46) Tetrachloroethene	10.861	164	171102	24.464	ug/L		95
48) 2-Hexanone	10.965	43	240117	55.225	ug/L		97
49) Dibromochloromethane	11.130	129	197505	27.327	ug/L		96
50) 1,2-Dibromoethane	11.233	107	164883	25.833	ug/L		93
51) Chlorobenzene	11.654	112	624707	25.240	ug/L		96
52) Ethylbenzene	11.727	91	1184607	26.587	ug/L		96
53) m,p-Xylene	11.837	106	436547	26.337	ug/L		99
54) o-Xylene	12.160	106	414260	26.480	ug/L		96
55) Styrene	12.178	104	718698	26.778	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.709	83	222230	26.639	ug/L		97
59) Bromoform	12.343	173	104264	24.219	ug/L		99
60) Isopropylbenzene	12.459	105	1138308	25.280	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	162014	25.234	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	920125	25.706	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	845962	25.804	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	472772	24.972	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	473990	24.867	ug/L		94
67) 1,2-Dichlorobenzene	13.867	146	419331	24.665	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	35159	23.636	ug/L	#	91
69) 1,3,5-Trichlorobenzene	14.629	180	295999	22.760	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	253381	23.611	ug/L		94
71) Naphthalene	15.360	128	478107	24.998	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	221606	23.629	ug/L		99

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

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