Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
Data File : VW025778.D
Acq On : 01 May 2023 14:53
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Quant Time: May 02 01:37:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 01:30:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	661694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	597672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	256357	27.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.360%			
7) Chloroethane-d5	2.899	69	190328	27.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.520%			
11) 1,1-Dichloroethene-d2	4.021	65	121981	25.980	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.920%			
21) 2-Butanone-d5	7.075	46	149422	48.204	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.400%			
24) Chloroform-d	7.648	84	491040	25.736	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.960%			
26) 1,2-Dichloroethane-d4	8.307	65	268453	24.881	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.520%			
32) Benzene-d6	8.276	84	1010196	25.867	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.480%			
36) 1,2-Dichloropropane-d6	9.276	67	317273	25.392	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.560%			
41) Toluene-d8	10.318	98	893680	25.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.640%			
43) trans-1,3-Dichloroprop...	10.575	79	126049	24.887	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.560%			
47) 2-Hexanone-d5	10.922	63	106842	50.145	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.280%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234863	24.661	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.640%			
66) 1,2-Dichlorobenzene-d4	13.848	152	275535	25.784	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	188866	25.548	ug/L	96
3) Chloromethane	2.222	50	285126	26.159	ug/L	99
5) Vinyl chloride	2.375	62	288116	25.538	ug/L	99
6) Bromomethane	2.789	94	154604	25.195	ug/L	93
8) Chloroethane	2.936	64	165291	25.766	ug/L	99
9) Trichlorofluoromethane	3.271	101	203909	23.949	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	231589	25.010	ug/L	99
12) 1,1-Dichloroethene	4.051	96	219875	24.846	ug/L	96
13) Acetone	4.118	43	118130	42.978	ug/L	100
14) Carbon disulfide	4.393	76	747060	24.963	ug/L	100
15) Methyl Acetate	4.667	43	131407	24.260	ug/L	99
16) Methylene chloride	4.917	84	306127	22.433	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	241973	25.064	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	377939	25.793	ug/L	99
19) 1,1-Dichloroethane	6.222	63	496950	25.054	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	258732	24.980	ug/L	97
22) 2-Butanone	7.167	43	178567	47.049	ug/L	100
23) Bromochloromethane	7.514	128	105013	23.933	ug/L	96
25) Chloroform	7.679	83	453616	24.883	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue May 02 01:30:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319838	24.704	ug/L	98
29) Cyclohexane	7.959	56	468862	25.315	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	360317	24.651	ug/L	100
31) Carbon tetrachloride	8.075	117	323343	24.581	ug/L	98
33) Benzene	8.325	78	1045441	25.283	ug/L	100
34) Trichloroethene	9.093	95	263533	24.837	ug/L	95
35) Methylcyclohexane	9.337	83	465658	24.675	ug/L	99
37) 1,2-Dichloropropane	9.367	63	281989	24.891	ug/L	99
38) Bromodichloromethane	9.642	83	321668	24.749	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	417042	25.102	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	364697	49.457	ug/L	100
42) Toluene	10.386	91	1068729	25.295	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	347317	25.230	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183815	24.256	ug/L	98
46) Tetrachloroethene	10.861	164	181061	24.255	ug/L	92
48) 2-Hexanone	10.965	43	258419	48.918	ug/L	100
49) Dibromochloromethane	11.129	129	193781	24.699	ug/L	98
50) 1,2-Dibromoethane	11.233	107	169190	24.218	ug/L	98
51) Chlorobenzene	11.654	112	653089	24.952	ug/L	99
52) Ethylbenzene	11.727	91	1210107	25.462	ug/L	100
53) m,p-Xylene	11.836	106	445863	25.489	ug/L	100
54) o-Xylene	12.166	106	424784	25.764	ug/L	96
55) Styrene	12.178	104	733802	26.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	231505	24.483	ug/L	95
59) Bromoform	12.349	173	107032	24.650	ug/L	98
60) Isopropylbenzene	12.458	105	1183925	26.570	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	166733	24.066	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	964862	27.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	877395	26.940	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	485345	25.302	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	486350	25.096	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	425538	24.875	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37498	23.341	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	316345	24.845	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	273287	25.619	ug/L	99
71) Naphthalene	15.360	128	529770	26.313	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	245961	25.987	ug/L	99

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

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