Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028723.D
Acq On : 23 May 2024 21:31
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Quant Time: May 24 00:23:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 00:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328475	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88465	14.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.720%			
7) Chloroethane-d5	2.899	69	80859	16.930	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.720%			
11) 1,1-Dichloroethene-d2	4.021	65	41198	15.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.240%			
21) 2-Butanone-d5	7.075	46	67571	41.523	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.040%			
24) Chloroform-d	7.648	84	229934	22.402	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	8.307	65	122390	20.828	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.320%			
32) Benzene-d6	8.276	84	420576	20.881	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.520%			
36) 1,2-Dichloropropane-d6	9.270	67	134310	22.161	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.640%			
41) Toluene-d8	10.325	98	366854	20.567	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.280%			
43) trans-1,3-Dichloroprop...	10.575	79	49146	20.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.640%			
47) 2-Hexanone-d5	10.922	63	44301	42.380	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.760%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115996	22.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	125971	21.975	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	92843	19.450	ug/L	95
3) Chloromethane	2.223	50	125821	21.277	ug/L	96
5) Vinyl chloride	2.375	62	141981	21.326	ug/L	100
6) Bromomethane	2.789	94	85626	22.233	ug/L	98
8) Chloroethane	2.936	64	87462	23.035	ug/L	95
9) Trichlorofluoromethane	3.271	101	107399	19.649	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	115737	22.966	ug/L	97
12) 1,1-Dichloroethene	4.045	96	106504	23.559	ug/L	93
13) Acetone	4.125	43	41577	28.085	ug/L	97
14) Carbon disulfide	4.393	76	324901	21.265	ug/L	100
15) Methyl Acetate	4.667	43	59230	22.996	ug/L	97
16) Methylene chloride	4.923	84	128137	25.223	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	118039	25.080	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	180376	25.970	ug/L	98
19) 1,1-Dichloroethane	6.222	63	246601	26.423	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	133401	27.083	ug/L	93
22) 2-Butanone	7.173	43	67346	35.442	ug/L	97
23) Bromochloromethane	7.514	128	58242	27.107	ug/L	95
25) Chloroform	7.679	83	241608	26.765	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri May 24 00:17:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	162337	24.739	ug/L	99
29) Cyclohexane	7.959	56	192693	22.387	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186712	24.682	ug/L	98
31) Carbon tetrachloride	8.069	117	162103	23.502	ug/L	97
33) Benzene	8.325	78	521911	26.661	ug/L	100
34) Trichloroethene	9.093	95	133438	25.424	ug/L	93
35) Methylcyclohexane	9.337	83	210201	22.917	ug/L	99
37) 1,2-Dichloropropane	9.368	63	138196	27.092	ug/L	99
38) Bromodichloromethane	9.642	83	169473	27.255	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	192881	26.382	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	156531	45.088	ug/L	99
42) Toluene	10.386	91	549543	27.180	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	160165	25.982	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	96755	26.184	ug/L	96
46) Tetrachloroethene	10.861	164	94617	25.022	ug/L	96
48) 2-Hexanone	10.965	43	104006	42.435	ug/L	99
49) Dibromochloromethane	11.129	129	104061	28.076	ug/L	99
50) 1,2-Dibromoethane	11.233	107	86600	25.019	ug/L	95
51) Chlorobenzene	11.654	112	342186	27.360	ug/L	97
52) Ethylbenzene	11.727	91	615178	26.886	ug/L	94
53) m,p-Xylene	11.837	106	231082	27.552	ug/L	98
54) o-Xylene	12.160	106	223297	28.778	ug/L	91
55) Styrene	12.178	104	387015	29.436	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	115349	24.881	ug/L	96
59) Bromoform	12.343	173	56833	25.901	ug/L	99
60) Isopropylbenzene	12.458	105	618655	27.112	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83245	22.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	451417	27.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	490022	28.170	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	259296	27.316	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	263044	27.105	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	234201	27.566	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17672	20.794	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	174873	27.454	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	138660	26.941	ug/L	98
71) Naphthalene	15.360	128	274771	25.058	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121943	26.257	ug/L	97

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

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