Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
Data File : VW026156.D
Acq On : 09 Jun 2023 08:41
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Jun 09 22:50:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 09 01:33:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	823715	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	724743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	351164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	273567	23.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.440%			
7) Chloroethane-d5	2.899	69	231245	26.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.640%			
11) 1,1-Dichloroethene-d2	4.021	65	137717	24.102	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.400%			
21) 2-Butanone-d5	7.075	46	151107	44.790	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.580%			
24) Chloroform-d	7.648	84	552153	22.891	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.560%			
26) 1,2-Dichloroethane-d4	8.300	65	299604	22.715	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.840%			
32) Benzene-d6	8.270	84	1085874	22.267	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.080%			
36) 1,2-Dichloropropane-d6	9.270	67	341140	22.081	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.320%			
41) Toluene-d8	10.324	98	971189	22.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.840%			
43) trans-1,3-Dichloroprop...	10.574	79	129652	21.177	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.720%			
47) 2-Hexanone-d5	10.922	63	105173	43.172	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.340%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240784	21.417	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	289487	21.538	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	227455	22.525	ug/L	94
3) Chloromethane	2.222	50	308941	23.861	ug/L	97
5) Vinyl chloride	2.375	62	350641	25.336	ug/L	98
6) Bromomethane	2.789	94	187859	24.899	ug/L	96
8) Chloroethane	2.935	64	203219	27.173	ug/L	97
9) Trichlorofluoromethane	3.265	101	230642	25.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	274911	24.469	ug/L	96
12) 1,1-Dichloroethene	4.039	96	256303	24.439	ug/L	97
13) Acetone	4.118	43	143454	54.954	ug/L	100
14) Carbon disulfide	4.386	76	821914	22.200	ug/L	100
15) Methyl Acetate	4.667	43	120727	20.606	ug/L	100
16) Methylene chloride	4.923	84	264916	20.150	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	263609	22.403	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	392131	21.144	ug/L	98
19) 1,1-Dichloroethane	6.215	63	542617	22.651	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	286089	22.953	ug/L	97
22) 2-Butanone	7.166	43	182795	49.089	ug/L	98
23) Bromochloromethane	7.514	128	113063	21.270	ug/L	94
25) Chloroform	7.672	83	502901	22.539	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Jun 09 01:33:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	345422	22.447	ug/L	96
29) Cyclohexane	7.959	56	524959	23.462	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	423183	24.061	ug/L	99
31) Carbon tetrachloride	8.069	117	377644	23.530	ug/L	98
33) Benzene	8.319	78	1120087	22.561	ug/L	100
34) Trichloroethene	9.087	95	292217	22.986	ug/L	92
35) Methylcyclohexane	9.337	83	532837	23.687	ug/L	99
37) 1,2-Dichloropropane	9.367	63	295698	21.989	ug/L	99
38) Bromodichloromethane	9.642	83	352536	22.566	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	448563	22.699	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	340745	42.980	ug/L	99
42) Toluene	10.385	91	1161710	22.877	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	364279	22.127	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	187895	21.201	ug/L	98
46) Tetrachloroethene	10.861	164	201612	22.421	ug/L	96
48) 2-Hexanone	10.964	43	251446	44.981	ug/L	100
49) Dibromochloromethane	11.123	129	198570	21.370	ug/L	97
50) 1,2-Dibromoethane	11.233	107	171303	20.875	ug/L	97
51) Chlorobenzene	11.653	112	699311	21.977	ug/L	98
52) Ethylbenzene	11.727	91	1327807	23.180	ug/L	99
53) m,p-Xylene	11.836	106	495163	23.236	ug/L	94
54) o-Xylene	12.165	106	459173	22.829	ug/L	93
55) Styrene	12.178	104	781697	22.654	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	222159	20.713	ug/L	97
59) Bromoform	12.348	173	102670	19.466	ug/L	97
60) Isopropylbenzene	12.458	105	1299282	23.553	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163938	20.841	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1076004	24.536	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	953659	23.743	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	514113	22.165	ug/L	97
65) 1,4-Dichlorobenzene	13.580	146	505452	21.645	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	459910	22.081	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36296	19.916	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	340478	21.369	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	279049	21.225	ug/L	96
71) Naphthalene	15.360	128	492617	21.023	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	244269	21.259	ug/L	97

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

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