Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
Data File : VW026279.D
Acq On : 20 Jun 2023 18:56
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Quant Time: Jun 21 01:16:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	636716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	582926	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	163153	18.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.840%			
7) Chloroethane-d5	2.893	69	161477	24.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.320%			
11) 1,1-Dichloroethene-d2	4.021	65	86694	19.629	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.520%			
21) 2-Butanone-d5	7.069	46	180297	69.138	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.280%#			
24) Chloroform-d	7.648	84	469657	25.189	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.760%			
26) 1,2-Dichloroethane-d4	8.307	65	264066	25.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.600%			
32) Benzene-d6	8.270	84	881899	22.484	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.920%			
36) 1,2-Dichloropropane-d6	9.270	67	301638	24.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.080%			
41) Toluene-d8	10.319	98	756011	21.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.920%			
43) trans-1,3-Dichloroprop...	10.575	79	106665	21.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.640%			
47) 2-Hexanone-d5	10.922	63	124664	63.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	269996	29.858	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	256780	22.592	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	139685	17.896	ug/L	99
3) Chloromethane	2.222	50	220367	22.019	ug/L	97
5) Vinyl chloride	2.375	62	226068	21.132	ug/L	97
6) Bromomethane	2.783	94	130481	22.373	ug/L	97
8) Chloroethane	2.930	64	144690	25.029	ug/L	100
9) Trichlorofluoromethane	3.265	101	153687	22.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	193653	22.299	ug/L	97
12) 1,1-Dichloroethene	4.045	96	173479	21.399	ug/L	88
13) Acetone	4.112	43	88887	44.051	ug/L	99
14) Carbon disulfide	4.393	76	532648	18.612	ug/L	100
15) Methyl Acetate	4.667	43	125476	27.707	ug/L	98
16) Methylene chloride	4.917	84	211114	20.774	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	197836	21.751	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	345195	24.080	ug/L	99
19) 1,1-Dichloroethane	6.216	63	434367	23.458	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228239	23.690	ug/L	97
22) 2-Butanone	7.167	43	160335	55.703	ug/L	100
23) Bromochloromethane	7.514	128	97023	23.613	ug/L	97
25) Chloroform	7.673	83	414120	24.011	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	291990	24.547	ug/L	98
29) Cyclohexane	7.959	56	353136	19.622	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	305610	21.604	ug/L	98
31) Carbon tetrachloride	8.069	117	272113	21.080	ug/L	100
33) Benzene	8.319	78	905787	22.683	ug/L	100
34) Trichloroethene	9.093	95	220003	21.516	ug/L	96
35) Methylcyclohexane	9.337	83	363213	20.074	ug/L	99
37) 1,2-Dichloropropane	9.368	63	252396	23.336	ug/L	100
38) Bromodichloromethane	9.642	83	296366	23.585	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	354091	22.278	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	356065	55.839	ug/L	99
42) Toluene	10.386	91	917887	22.473	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	300183	22.670	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	170989	23.987	ug/L	99
46) Tetrachloroethene	10.861	164	147542	20.400	ug/L	94
48) 2-Hexanone	10.965	43	249036	55.389	ug/L	98
49) Dibromochloromethane	11.123	129	180254	24.119	ug/L	91
50) 1,2-Dibromoethane	11.233	107	156309	23.682	ug/L	99
51) Chlorobenzene	11.654	112	576092	22.509	ug/L	99
52) Ethylbenzene	11.727	91	1041414	22.603	ug/L	97
53) m,p-Xylene	11.837	106	387873	22.630	ug/L	96
54) o-Xylene	12.166	106	370909	22.927	ug/L	98
55) Styrene	12.178	104	657330	23.684	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	223337	25.889	ug/L	97
59) Bromoform	12.343	173	97230	21.800	ug/L	97
60) Isopropylbenzene	12.458	105	984101	21.096	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163992	24.654	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	810237	21.849	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	749055	22.054	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	416560	21.238	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	432662	21.910	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	401631	22.803	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	35173	22.824	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	263349	19.546	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	219973	19.786	ug/L	99
71) Naphthalene	15.360	128	452753	22.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202318	20.823	ug/L	98

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

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