Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
Data File : VW026228.D
Acq On : 16 Jun 2023 15:17
Operator : SY/MD
Sample : 03307-08MS
Misc : 5.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

Quant Time: Jun 17 00:04:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 23:58:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	909680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	755755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	365355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	214159	16.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.920%			
7) Chloroethane-d5	2.893	69	203800	21.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.080%			
11) 1,1-Dichloroethene-d2	4.021	65	114385	18.127	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.520%			
21) 2-Butanone-d5	7.081	46	191651	51.440	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.880%			
24) Chloroform-d	7.648	84	562467	21.115	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.440%			
26) 1,2-Dichloroethane-d4	8.307	65	307827	21.133	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.520%			
32) Benzene-d6	8.276	84	1100060	21.632	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.520%			
36) 1,2-Dichloropropane-d6	9.276	67	364917	22.650	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.600%			
41) Toluene-d8	10.325	98	918878	20.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.480%			
43) trans-1,3-Dichloroprop...	10.575	79	129241	20.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.960%			
47) 2-Hexanone-d5	10.922	63	132038	51.976	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.960%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293881	25.067	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	293388	20.980	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	187423	16.807	ug/L	99
3) Chloromethane	2.229	50	280017	19.583	ug/L	95
5) Vinyl chloride	2.375	62	296633	19.408	ug/L	100
6) Bromomethane	2.789	94	160164	19.222	ug/L	94
8) Chloroethane	2.936	64	176725	21.397	ug/L	98
9) Trichlorofluoromethane	3.265	101	189747	19.297	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	247672	19.962	ug/L	94
12) 1,1-Dichloroethene	4.045	96	594774	51.353	ug/L #	65
13) Acetone	4.125	43	169776	58.891	ug/L	99
14) Carbon disulfide	4.393	76	675483	16.521	ug/L	99
15) Methyl Acetate	4.673	43	140992	21.791	ug/L	99
16) Methylene chloride	4.917	84	334042	23.007	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	240214	18.485	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	413590	20.194	ug/L	99
19) 1,1-Dichloroethane	6.216	63	547827	20.708	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	294014	21.360	ug/L	99
22) 2-Butanone	7.173	43	222121	54.013	ug/L	98
23) Bromochloromethane	7.514	128	116873	19.909	ug/L	95
25) Chloroform	7.673	83	496562	20.152	ug/L	98

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QLast Update : Fri Jun 16 23:58:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	379323	22.320	ug/L	98
29) Cyclohexane	7.959	56	455484	19.521	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	443262	24.169	ug/L	100
31) Carbon tetrachloride	8.069	117	337326	20.156	ug/L	99
33) Benzene	8.325	78	1083261	20.924	ug/L	100
34) Trichloroethene	9.093	95	269725	20.346	ug/L	97
35) Methylcyclohexane	9.337	83	457055	19.484	ug/L	99
37) 1,2-Dichloropropane	9.368	63	311076	22.184	ug/L	100
38) Bromodichloromethane	9.642	83	355269	21.807	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	449205	21.799	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	414985	50.196	ug/L	99
42) Toluene	10.386	91	1103330	20.836	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	378902	22.071	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	205839	22.273	ug/L	99
46) Tetrachloroethene	10.861	164	185798	19.815	ug/L	95
48) 2-Hexanone	10.965	43	320372	54.960	ug/L	98
49) Dibromochloromethane	11.123	129	213137	21.997	ug/L	96
50) 1,2-Dibromoethane	11.233	107	185581	21.687	ug/L	93
51) Chlorobenzene	11.654	112	678543	20.449	ug/L	98
52) Ethylbenzene	11.727	91	1225335	20.513	ug/L	98
53) m,p-Xylene	11.837	106	455244	20.486	ug/L	99
54) o-Xylene	12.166	106	437767	20.872	ug/L	98
55) Styrene	12.178	104	765709	21.280	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	255821	22.873	ug/L	96
59) Bromoform	12.343	173	116903	21.303	ug/L	97
60) Isopropylbenzene	12.465	105	1175670	20.484	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	184932	22.597	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	960616	21.054	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	857765	20.526	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	479103	19.853	ug/L	96
65) 1,4-Dichlorobenzene	13.580	146	477234	19.643	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	437394	20.184	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	40268	21.237	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	317768	19.169	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	259239	18.952	ug/L	96
71) Naphthalene	15.360	128	527678	21.645	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	235423	19.693	ug/L	99

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

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