

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026260.D
 Acq On : 20 Jun 2023 11:20
 Operator : SY/MD
 Sample : 03307-08MS
 Misc : 5.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MS

Quant Time: Jun 21 01:10:32 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	905694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	778434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	380988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	199619	15.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.680%
7) Chloroethane-d5	2.893	69	190434	19.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.021	65	105551	16.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.200%
21) 2-Butanone-d5	7.069	46	189130	50.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
24) Chloroform-d	7.642	84	523619	19.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.960%
26) 1,2-Dichloroethane-d4	8.301	65	285384	19.678	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.720%
32) Benzene-d6	8.270	84	990296	18.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.640%
36) 1,2-Dichloropropane-d6	9.270	67	332727	20.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.319	98	831965	17.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.640%
43) trans-1,3-Dichloroprop...	10.575	79	119599	18.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.760%
47) 2-Hexanone-d5	10.922	63	128655	49.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281700	23.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	268640	18.422	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	220417	19.853	ug/L	100
3) Chloromethane	2.222	50	288901	20.294	ug/L	98
5) Vinyl chloride	2.369	62	318486	20.929	ug/L	98
6) Bromomethane	2.783	94	172491	20.793	ug/L	98
8) Chloroethane	2.930	64	194009	23.593	ug/L	98
9) Trichlorofluoromethane	3.265	101	225959	23.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	261864	21.198	ug/L #	73
12) 1,1-Dichloroethene	4.039	96	543647	47.145	ug/L #	65
13) Acetone	4.112	43	187184	65.215	ug/L	99
14) Carbon disulfide	4.387	76	725739	17.828	ug/L	100
15) Methyl Acetate	4.661	43	147387	22.880	ug/L	99
16) Methylene chloride	4.911	84	275244	19.041	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	256820	19.850	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	430055	21.090	ug/L	99
19) 1,1-Dichloroethane	6.216	63	574322	21.805	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	309456	22.581	ug/L	98
22) 2-Butanone	7.167	43	220335	53.814	ug/L	98
23) Bromochloromethane	7.514	128	121548	20.797	ug/L	92
25) Chloroform	7.673	83	527886	21.518	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	397687	23.504	ug/L	99
29) Cyclohexane	7.953	56	489481	20.367	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	465444	24.639	ug/L	100
31) Carbon tetrachloride	8.063	117	361384	20.964	ug/L	98
33) Benzene	8.319	78	1141706	21.410	ug/L	100
34) Trichloroethene	9.087	95	293269	21.478	ug/L	95
35) Methylcyclohexane	9.331	83	491697	20.350	ug/L	100
37) 1,2-Dichloropropane	9.367	63	324619	22.475	ug/L	100
38) Bromodichloromethane	9.642	83	374042	22.291	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	464609	21.889	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	415950	48.847	ug/L	100
42) Toluene	10.386	91	1183140	21.692	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	392543	22.199	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	216635	22.758	ug/L	97
46) Tetrachloroethene	10.861	164	198196	20.521	ug/L	89
48) 2-Hexanone	10.965	43	317801	52.930	ug/L	99
49) Dibromochloromethane	11.129	129	224189	22.463	ug/L	90
50) 1,2-Dibromoethane	11.233	107	189738	21.527	ug/L	100
51) Chlorobenzene	11.654	112	718544	21.024	ug/L	99
52) Ethylbenzene	11.727	91	1337648	21.741	ug/L	99
53) m,p-Xylene	11.837	106	488750	21.353	ug/L	97
54) o-Xylene	12.160	106	469124	21.715	ug/L	94
55) Styrene	12.178	104	812034	21.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	258512	22.440	ug/L	93
59) Bromoform	12.349	173	120304	21.024	ug/L	96
60) Isopropylbenzene	12.458	105	1305154	21.807	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	195096	22.861	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1044157	21.946	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	942492	21.628	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	512971	20.384	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	522950	20.641	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	452090	20.006	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	41487	20.983	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	326922	18.912	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	244333	17.129	ug/L	99
71) Naphthalene	15.360	128	517511	20.357	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224788	18.032	ug/L	98

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

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