

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026116.D
 Acq On : 06 Jun 2023 18:49
 Operator : SY/MD
 Sample : 03062-04MS
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL1MS

Quant Time: Jun 07 01:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	860433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	780747	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	281136	23.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.893	69	233046	25.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.880%
11) 1,1-Dichloroethene-d2	4.027	65	110711	18.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.200%
21) 2-Butanone-d5	7.075	46	191206	54.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.520%
24) Chloroform-d	7.648	84	589689	23.403	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	328998	23.879	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	1193677	22.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	9.270	67	389435	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.319	98	1046220	22.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	147357	22.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.922	63	141373	53.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	305405	25.216	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	326274	22.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	212567	20.153	ug/L	96
3) Chloromethane	2.229	50	311768	23.052	ug/L	96
5) Vinyl chloride	2.375	62	323333	22.366	ug/L	98
6) Bromomethane	2.789	94	178791	22.686	ug/L	98
8) Chloroethane	2.936	64	190127	24.337	ug/L	97
9) Trichlorofluoromethane	3.265	101	184429	19.830	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	213021	18.151	ug/L	99
12) 1,1-Dichloroethene	4.045	96	200361	18.289	ug/L	99
13) Acetone	4.119	43	104855	38.453	ug/L	99
14) Carbon disulfide	4.393	76	756372	19.558	ug/L	100
15) Methyl Acetate	4.667	43	151195	24.705	ug/L	97
16) Methylene chloride	4.923	84	272714	19.858	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	262754	21.377	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	423767	21.875	ug/L	99
19) 1,1-Dichloroethane	6.216	63	547014	21.860	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	283434	21.770	ug/L	98
22) 2-Butanone	7.167	43	196252	50.454	ug/L	98
23) Bromochloromethane	7.514	128	123812	22.298	ug/L	94
25) Chloroform	7.673	83	511619	21.952	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	365022	22.708	ug/L	100
29) Cyclohexane	7.959	56	506506	21.013	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	393397	20.763	ug/L	99
31) Carbon tetrachloride	8.069	117	357874	20.699	ug/L	99
33) Benzene	8.325	78	1146368	21.434	ug/L	100
34) Trichloroethene	9.093	95	280886	20.510	ug/L	96
35) Methylcyclohexane	9.337	83	511152	21.093	ug/L	99
37) 1,2-Dichloropropane	9.368	63	316546	21.851	ug/L	99
38) Bromodichloromethane	9.642	83	364560	21.661	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	468523	22.008	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	429115	50.244	ug/L	100
42) Toluene	10.386	91	1177458	21.524	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	395554	22.303	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	217459	22.777	ug/L	95
46) Tetrachloroethene	10.861	164	204665	21.128	ug/L	91
48) 2-Hexanone	10.965	43	299455	49.727	ug/L	99
49) Dibromochloromethane	11.129	129	222941	22.272	ug/L	95
50) 1,2-Dibromoethane	11.233	107	198169	22.417	ug/L	98
51) Chlorobenzene	11.654	112	729517	21.281	ug/L	96
52) Ethylbenzene	11.727	91	1335404	21.640	ug/L	98
53) m,p-Xylene	11.837	106	484604	21.109	ug/L	97
54) o-Xylene	12.166	106	467416	21.572	ug/L	99
55) Styrene	12.178	104	833335	22.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	273091	23.635	ug/L	99
59) Bromoform	12.343	173	123515	21.356	ug/L	99
60) Isopropylbenzene	12.458	105	1267026	20.945	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	197003	22.839	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1032714	21.475	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	932026	21.161	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	535656	21.060	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	549625	21.463	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	491085	21.501	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	43986	22.010	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	334418	19.140	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	288608	20.019	ug/L	94
71) Naphthalene	15.360	128	585091	22.770	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	257592	20.444	ug/L	99

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

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