

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026481.D
 Acq On : 30 Jun 2023 18:42
 Operator : SY/MD
 Sample : 03478-02MS
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MS

Quant Time: Jun 30 23:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	906205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	741154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	306487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	232910	22.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.893	69	179553	21.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	4.027	65	113319	21.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.075	46	234822	60.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.440%
24) Chloroform-d	7.648	84	320845	14.526	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.120%
26) 1,2-Dichloroethane-d4	8.307	65	276435	22.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	8.270	84	985218	22.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	9.270	67	321325	23.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.325	98	824779	21.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.575	79	124017	22.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.600%
47) 2-Hexanone-d5	10.922	63	152085	66.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103563	9.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	39.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	220680	20.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	199498	22.560	ug/L	91
3) Chloromethane	2.228	50	271213	21.758	ug/L	98
5) Vinyl chloride	2.375	62	273202	21.266	ug/L	99
6) Bromomethane	2.783	94	142807	19.547	ug/L	96
8) Chloroethane	2.930	64	157248	20.182	ug/L	98
9) Trichlorofluoromethane	3.265	101	188847	20.216	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219878	21.207	ug/L	98
12) 1,1-Dichloroethene	4.051	96	222886	21.963	ug/L	91
13) Acetone	4.118	43	187568	68.092	ug/L	99
14) Carbon disulfide	4.393	76	644871	19.635	ug/L	99
15) Methyl Acetate	4.667	43	111616	18.661	ug/L	100
16) Methylene chloride	4.917	84	249141	16.271	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	231732	21.228	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	457700	25.656	ug/L	99
19) 1,1-Dichloroethane	6.216	63	496307	22.594	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	260250	21.048	ug/L	98
22) 2-Butanone	7.167	43	276508	61.226	ug/L	98
23) Bromochloromethane	7.514	128	114276	22.222	ug/L	98
25) Chloroform	7.673	83	607518	28.495	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	329790	22.623	ug/L	100
29) Cyclohexane	7.953	56	427844	20.363	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	348695	22.086	ug/L	100
31) Carbon tetrachloride	8.069	117	307278	21.617	ug/L	100
33) Benzene	8.325	78	1017359	21.920	ug/L	100
34) Trichloroethene	9.093	95	443027	37.471	ug/L	97
35) Methylcyclohexane	9.331	83	374839	17.796	ug/L	99
37) 1,2-Dichloropropane	9.367	63	286224	23.230	ug/L	100
38) Bromodichloromethane	9.642	83	312064	22.566	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	411793	22.330	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	521892	61.691	ug/L	99
42) Toluene	10.386	91	1019120	21.462	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	339019	22.494	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	204794	24.400	ug/L	98
46) Tetrachloroethene	10.861	164	164429	19.671	ug/L	93
48) 2-Hexanone	10.965	43	395633	69.674	ug/L	97
49) Dibromochloromethane	11.129	129	201522	24.107	ug/L	98
50) 1,2-Dibromoethane	11.233	107	190966	24.743	ug/L	96
51) Chlorobenzene	11.654	112	597053	20.322	ug/L	98
52) Ethylbenzene	11.727	91	1098401	20.556	ug/L	99
53) m,p-Xylene	11.837	106	396602	20.017	ug/L	95
54) o-Xylene	12.166	106	382567	20.819	ug/L	92
55) Styrene	12.178	104	658189	20.984	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	27611	2.694	ug/L	95
59) Bromoform	12.349	173	117583	28.974	ug/L	96
60) Isopropylbenzene	12.458	105	1012111	22.641	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	208433	31.115	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	794490	22.350	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	764057	22.001	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	368027	19.622	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	375252	20.117	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	343609	20.244	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	46608	30.362	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	187147	14.657	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	158091	14.306	ug/L	98
71) Naphthalene	15.360	128	524522	23.286	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	139566	14.686	ug/L	97

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

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