

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
 Data File : VW026169.D
 Acq On : 09 Jun 2023 14:37
 Operator : SY/MD
 Sample : 03078-15MS
 Misc : 5.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MS

Quant Time: Jun 09 22:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 22:52:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1186084	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	1002010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	419219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	335819	20.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.520%
7) Chloroethane-d5	2.893	69	296416	23.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	4.021	65	170621	20.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.960%
21) 2-Butanone-d5	7.069	46	217339	44.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.480%
24) Chloroform-d	7.648	84	761159	21.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.307	65	402158	21.175	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.680%
32) Benzene-d6	8.270	84	1462331	21.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.270	67	468289	21.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.318	98	1249292	20.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.560%
43) trans-1,3-Dichloroprop...	10.575	79	171543	20.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.080%
47) 2-Hexanone-d5	10.922	63	143205	42.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	327163	21.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	326577	20.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	260256	17.899	ug/L	90
3) Chloromethane	2.222	50	399414	21.424	ug/L	96
5) Vinyl chloride	2.369	62	442013	22.180	ug/L	98
6) Bromomethane	2.783	94	239499	22.045	ug/L	97
8) Chloroethane	2.930	64	258937	24.045	ug/L	96
9) Trichlorofluoromethane	3.265	101	331448	25.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	331776	20.509	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	325456	21.551	ug/L	84
13) Acetone	4.112	43	231625	61.622	ug/L	97
14) Carbon disulfide	4.387	76	1032183	19.362	ug/L	100
15) Methyl Acetate	4.667	43	156684	18.573	ug/L	100
16) Methylene chloride	4.917	84	345565	18.254	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	339145	20.016	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	542563	20.318	ug/L	98
19) 1,1-Dichloroethane	6.216	63	715340	20.738	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	384477	21.423	ug/L	96
22) 2-Butanone	7.167	43	257668	48.055	ug/L	98
23) Bromochloromethane	7.514	128	147905	19.324	ug/L	94
25) Chloroform	7.673	83	668407	20.805	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	446912	20.169	ug/L	98
29) Cyclohexane	7.959	56	664243	21.472	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	551452	22.678	ug/L	100
31) Carbon tetrachloride	8.063	117	482777	21.757	ug/L	99
33) Benzene	8.325	78	1461854	21.297	ug/L	100
34) Trichloroethene	9.093	95	381703	21.717	ug/L	95
35) Methylcyclohexane	9.331	83	627012	20.160	ug/L	100
37) 1,2-Dichloropropane	9.367	63	391502	21.058	ug/L	100
38) Bromodichloromethane	9.642	83	453107	20.978	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	577939	21.153	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	457500	41.739	ug/L	99
42) Toluene	10.386	91	1530126	21.794	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	472465	20.757	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	245475	20.034	ug/L	98
46) Tetrachloroethene	10.861	164	250193	20.125	ug/L	96
48) 2-Hexanone	10.965	43	357105	46.206	ug/L	98
49) Dibromochloromethane	11.129	129	258858	20.150	ug/L	97
50) 1,2-Dibromoethane	11.233	107	222260	19.590	ug/L	97
51) Chlorobenzene	11.654	112	879079	19.982	ug/L	98
52) Ethylbenzene	11.727	91	1690777	21.349	ug/L	97
53) m,p-Xylene	11.836	106	615746	20.899	ug/L	99
54) o-Xylene	12.166	106	583074	20.968	ug/L	96
55) Styrene	12.178	104	950957	19.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	280133	18.891	ug/L	95
59) Bromoform	12.349	173	130924	20.793	ug/L	99
60) Isopropylbenzene	12.458	105	1609950	24.446	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	205569	21.891	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1268084	24.222	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1145854	23.897	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	551473	19.916	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	566753	20.330	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	484270	19.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	43359	19.929	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	297568	15.644	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204452	13.026	ug/L	99
71) Naphthalene	15.360	128	443455	15.853	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	177953	12.973	ug/L	99

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

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