

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024069.D
 Acq On : 25 Jul 2022 15:41
 Operator : SY/VA
 Sample : N3823-08MS
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MS

Quant Time: Jul 26 01:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	166608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100178	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	106727	31.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.360%	
7) Chloroethane-d5	2.873	69	61197	27.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.080%	
11) 1,1-Dichloroethene-d2	4.007	63	76810	26.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.120%	
21) 2-Butanone-d5	7.080	46	38026	63.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.680%	
24) Chloroform-d	7.647	84	113162	26.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.280%	
26) 1,2-Dichloroethane-d4	8.305	65	71918	29.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.480%	
32) Benzene-d6	8.275	84	207802	26.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.400%	
36) 1,2-Dichloropropane-d6	9.274	67	64137	26.273	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.080%	
41) Toluene-d8	10.323	98	209341	27.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.200%	
43) trans-1,3-Dichloroprop...	10.579	79	30414	28.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 112.400%	
47) 2-Hexanone-d5	10.920	63	32841	64.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.700%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82646	29.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.360%	
66) 1,2-Dichlorobenzene-d4	13.853	152	79374	24.465	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	16563	14.342	ug/L	98
3) Chloromethane	2.209	50	70465	23.502	ug/L	95
5) Vinyl chloride	2.349	62	120958	25.884	ug/L	97
6) Bromomethane	2.769	94	66163	25.628	ug/L	94
8) Chloroethane	2.910	64	46982	22.854	ug/L	100
9) Trichlorofluoromethane	3.245	101	54172	24.901	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	48033	23.840	ug/L #	74
12) 1,1-Dichloroethene	4.031	96	38586	23.365	ug/L	92
13) Acetone	4.123	43	29825	70.557	ug/L	97
14) Carbon disulfide	4.373	76	116632	22.994	ug/L #	95
15) Methyl Acetate	4.672	43	27854	27.316	ug/L	98
16) Methylene chloride	4.909	84	65285	27.431	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	46835	23.179	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	81612	27.248	ug/L	97
19) 1,1-Dichloroethane	6.208	63	89781	23.523	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	52969	23.873	ug/L #	98
22) 2-Butanone	7.177	43	42172	62.157	ug/L	98
23) Bromochloromethane	7.506	128	27819	24.363	ug/L	98
25) Chloroform	7.671	83	104456	23.652	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	79499	25.275	ug/L	99
29) Cyclohexane	7.951	56	72463	23.606	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	84935	22.807	ug/L	99
31) Carbon tetrachloride	8.067	117	79913	23.279	ug/L	99
33) Benzene	8.323	78	223438	23.215	ug/L	100
34) Trichloroethene	9.091	95	55678	21.846	ug/L	96
35) Methylcyclohexane	9.335	83	90709	23.426	ug/L	97
37) 1,2-Dichloropropane	9.366	63	57635	23.686	ug/L #	93
38) Bromodichloromethane	9.640	83	81762	23.567	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	85972	24.250	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	96597	57.049	ug/L	99
42) Toluene	10.384	91	261678	24.036	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	85508	25.469	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	52409	24.655	ug/L	93
46) Tetrachloroethene	10.859	164	45319	22.719	ug/L	96
48) 2-Hexanone	10.969	43	79126	64.484	ug/L	98
49) Dibromochloromethane	11.128	129	62518	25.170	ug/L	94
50) 1,2-Dibromoethane	11.231	107	51260	24.630	ug/L	98
51) Chlorobenzene	11.652	112	171575	23.417	ug/L	97
52) Ethylbenzene	11.731	91	286575	23.886	ug/L	98
53) m,p-Xylene	11.835	106	113381	24.347	ug/L	96
54) o-Xylene	12.164	106	110326	24.773	ug/L	96
55) Styrene	12.176	104	200870	25.177	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	77494	26.304	ug/L	93
59) Bromoform	12.347	173	36950	23.862	ug/L	97
60) Isopropylbenzene	12.463	105	290504	22.894	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54749	24.314	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	246331	24.130	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	241500	23.373	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	137319	22.627	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	143145	22.219	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	131530	23.170	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	12161	24.171	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	86354	22.313	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	65183	22.228	ug/L	93
71) Naphthalene	15.359	128	154891	24.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	65640	23.797	ug/L	98

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

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