

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020337.D
 Acq On : 07 Oct 2021 01:27
 Operator : SY/VA
 Sample : M4000-13MSD
 Misc : 5.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MSD

Quant Time: Oct 07 05:29:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	211809	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	121963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	21097	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	93385	31.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.960%	
7) Chloroethane-d5	2.885	69	40529	32.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.160%	
11) 1,1-Dichloroethene-d2	4.019	63	159641	26.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.240%	
21) 2-Butanone-d5	7.086	46	37695	50.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.660%	
24) Chloroform-d	7.653	84	170149	27.977	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.920%	
26) 1,2-Dichloroethane-d4	8.311	65	90251	27.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.480%	
32) Benzene-d6	8.281	84	322417	43.662	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 174.640%#	
36) 1,2-Dichloropropane-d6	9.274	67	99878	42.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 170.560%#	
41) Toluene-d8	10.323	98	222277	33.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.920%#	
43) trans-1,3-Dichloroprop...	10.579	79	30486	31.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 127.960%	
47) 2-Hexanone-d5	10.927	63	24819	76.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 153.340%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	56401	34.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 138.000%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	24812	33.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 134.360%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	26985	23.257	ug/L	99
3) Chloromethane	2.209	50	72137	25.424	ug/L	96
5) Vinyl chloride	2.361	62	103301	26.766	ug/L	99
6) Bromomethane	2.776	94	36758	24.609	ug/L	93
8) Chloroethane	2.916	64	29081	25.205	ug/L	95
9) Trichlorofluoromethane	3.257	101	45037	22.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	72363	23.215	ug/L	99
12) 1,1-Dichloroethene	4.044	96	70817	24.028	ug/L	96
13) Acetone	4.141	43	41116	53.932	ug/L	100
14) Carbon disulfide	4.385	76	216352	22.329	ug/L	100
15) Methyl Acetate	4.678	43	30930	22.199	ug/L	100
16) Methylene chloride	4.922	84	96678	25.560	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	78305	25.379	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	109967	27.565	ug/L	100
19) 1,1-Dichloroethane	6.220	63	156255	25.464	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	81927	25.965	ug/L	99
22) 2-Butanone	7.177	43	49976	53.319	ug/L	98
23) Bromochloromethane	7.519	128	33611	25.152	ug/L	99
25) Chloroform	7.683	83	150118	25.579	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	93819	23.932	ug/L	100
29) Cyclohexane	7.958	56	103505	28.545	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	114065	38.990	ug/L	99
31) Carbon tetrachloride	8.073	117	88894	34.809	ug/L	99
33) Benzene	8.330	78	320659	37.806	ug/L	100
34) Trichloroethene	9.098	95	1877345	899.763	ug/L	96
35) Methylcyclohexane	9.335	83	64328	17.674	ug/L	99
37) 1,2-Dichloropropane	9.372	63	77576	36.713	ug/L	100
38) Bromodichloromethane	9.646	83	89137	34.621	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	94710	31.690	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	88062	76.292	ug/L	99
42) Toluene	10.390	91	245727	28.806	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	74776	28.889	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	44966	33.638	ug/L	98
46) Tetrachloroethene	10.860	164	36092	23.503	ug/L	89
48) 2-Hexanone	10.969	43	65519	77.808	ug/L	100
49) Dibromochloromethane	11.128	129	46647	31.096	ug/L	98
50) 1,2-Dibromoethane	11.238	107	36542	29.728	ug/L	99
51) Chlorobenzene	11.658	112	107652	20.807	ug/L	98
52) Ethylbenzene	11.731	91	178145	19.129	ug/L	97
53) m,p-Xylene	11.841	106	66542	19.342	ug/L	96
54) o-Xylene	12.170	106	77769	24.139	ug/L	98
55) Styrene	12.183	104	99030	17.860	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	47885	30.130	ug/L	98
59) Bromoform	12.353	173	20126	71.400	ug/L	99
60) Isopropylbenzene	12.463	105	158845	50.718	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	36754	87.892	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	122105	48.186	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	104150	41.126	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	29225	22.183	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	27814	20.915	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	33917	28.876	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6416	72.290	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	11019	11.774	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	5360	7.343	ug/L	98
71) Naphthalene	15.365	128	28223	22.197	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	6513	10.215	ug/L	98

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

