

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020781.D
 Acq On : 05 Nov 2021 15:59
 Operator : SY/VA
 Sample : M4511-03MS
 Misc : 5.48g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4266MS

Quant Time: Nov 08 04:53:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	182953	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	157154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35928	20.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
7) Chloroethane-d5	2.879	69	22098	22.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	4.019	63	69703	19.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.074	46	25694	44.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.960%
24) Chloroform-d	7.647	84	86327	21.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.960%
26) 1,2-Dichloroethane-d4	8.305	65	46601	21.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.120%
32) Benzene-d6	8.275	84	155615	21.917	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.274	67	48948	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.323	98	146796	21.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.579	79	22681	20.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.920	63	18900	42.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42608	23.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	51317	21.746	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	23829	31.942	ug/L	97
3) Chloromethane	2.209	50	41040	21.024	ug/L	99
5) Vinyl chloride	2.355	62	59065	20.978	ug/L	99
6) Bromomethane	2.769	94	28747	19.728	ug/L	99
8) Chloroethane	2.916	64	22762	21.986	ug/L	98
9) Trichlorofluoromethane	3.251	101	25836	17.301	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	48455	19.728	ug/L	91
12) 1,1-Dichloroethene	4.037	96	46184	19.731	ug/L	81
13) Acetone	4.123	43	13606	25.920	ug/L	90
14) Carbon disulfide	4.379	76	134179	18.992	ug/L	100
15) Methyl Acetate	4.672	43	17218	17.288	ug/L	95
16) Methylene chloride	4.915	84	44913	16.578	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	49901	20.056	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	67737	19.240	ug/L	97
19) 1,1-Dichloroethane	6.214	63	85611	19.867	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	52428	19.989	ug/L	79
22) 2-Butanone	7.171	43	24822	35.219	ug/L	92
23) Bromochloromethane	7.513	128	24969	20.630	ug/L #	74
25) Chloroform	7.677	83	89567	19.965	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	58381	20.103	ug/L	95
29) Cyclohexane	7.951	56	78281	19.092	ug/L	90
30) 1,1,1-Trichloroethane	7.872	97	76779	20.559	ug/L	95
31) Carbon tetrachloride	8.067	117	71666	20.165	ug/L	95
33) Benzene	8.323	78	195514	20.773	ug/L	100
34) Trichloroethene	9.091	95	51162	20.422	ug/L	93
35) Methylcyclohexane	9.335	83	76154	17.419	ug/L	90
37) 1,2-Dichloropropane	9.366	63	46764	20.986	ug/L #	97
38) Bromodichloromethane	9.646	83	66254	21.240	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	73069	20.148	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	57539	39.509	ug/L #	96
42) Toluene	10.384	91	209437	20.693	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	64851	19.769	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	34926	21.119	ug/L	98
46) Tetrachloroethene	10.859	164	43197	19.223	ug/L	97
48) 2-Hexanone	10.969	43	37117	34.903	ug/L #	96
49) Dibromochloromethane	11.128	129	46389	20.541	ug/L	99
50) 1,2-Dibromoethane	11.237	107	35127	20.948	ug/L #	94
51) Chlorobenzene	11.658	112	130694	20.020	ug/L	95
52) Ethylbenzene	11.731	91	225073	19.848	ug/L	98
53) m,p-Xylene	11.841	106	89757	19.756	ug/L	94
54) o-Xylene	12.164	106	87495	20.330	ug/L	100
55) Styrene	12.176	104	142757	19.511	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	41299	21.308	ug/L #	98
59) Bromoform	12.347	173	29586	23.293	ug/L #	95
60) Isopropylbenzene	12.463	105	223703	21.614	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	30112	24.265	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	186582	20.979	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	179498	20.317	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	96027	20.011	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	93910	19.645	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	84809	20.007	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	7041	23.211	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	60452	15.871	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	45403	14.299	ug/L	95
71) Naphthalene	15.365	128	90271	16.819	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	35242	13.060	ug/L	98

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

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