

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW123021\
 Data File : VW021711.D
 Acq On : 30 Dec 2021 17:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: Dec 31 00:54:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 31 00:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	77917	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	78390	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41552	27.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.200%	
7) Chloroethane-d5	2.879	69	31040	29.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.000%	
11) 1,1-Dichloroethene-d2	4.019	63	53998	24.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.080%	
21) 2-Butanone-d5	7.073	46	13038	58.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.020%	
24) Chloroform-d	7.647	84	65183	26.781	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.120%	
26) 1,2-Dichloroethane-d4	8.305	65	34101	26.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.120%	
32) Benzene-d6	8.274	84	117427	25.228	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.920%	
36) 1,2-Dichloropropane-d6	9.274	67	32847	26.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.040%	
41) Toluene-d8	10.323	98	119071	25.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.720%	
43) trans-1,3-Dichloroprop...	10.579	79	15825	25.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.040%	
47) 2-Hexanone-d5	10.926	63	10865	56.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.480%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30098	28.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.640%	
66) 1,2-Dichlorobenzene-d4	13.853	152	47500	24.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	16436	35.574	ug/L	98
3) Chloromethane	2.215	50	27987	23.453	ug/L	100
5) Vinyl chloride	2.355	62	47119	26.772	ug/L	97
6) Bromomethane	2.775	94	33724	29.448	ug/L	99
8) Chloroethane	2.916	64	24118	28.757	ug/L	96
9) Trichlorofluoromethane	3.251	101	23397	22.095	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	33821	26.224	ug/L	89
12) 1,1-Dichloroethene	4.037	96	29034	25.171	ug/L	82
13) Acetone	4.117	43	10317	54.062	ug/L #	49
14) Carbon disulfide	4.385	76	86967	26.054	ug/L	100
15) Methyl Acetate	4.671	43	9912	27.222	ug/L #	85
16) Methylene chloride	4.909	84	33405	24.016	ug/L	79
17) trans-1,2-Dichloroethene	5.421	96	31483	25.837	ug/L	82
18) Methyl tert-butyl Ether	5.421	73	42962	25.320	ug/L	93
19) 1,1-Dichloroethane	6.214	63	49173	25.866	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	32826	25.951	ug/L	71
22) 2-Butanone	7.171	43	14153	54.553	ug/L	84
23) Bromochloromethane	7.519	128	16731	27.364	ug/L #	62
25) Chloroform	7.671	83	58123	26.504	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	37082	26.070	ug/L #	94
29) Cyclohexane	7.957	56	44083	24.318	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	52976	25.613	ug/L	94
31) Carbon tetrachloride	8.067	117	51918	25.814	ug/L	99
33) Benzene	8.323	78	122655	25.644	ug/L	100
34) Trichloroethene	9.091	95	34570	25.461	ug/L	95
35) Methylcyclohexane	9.335	83	56341	25.150	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	27606	26.043	ug/L #	96
38) Bromodichloromethane	9.646	83	43262	26.739	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	46642	26.931	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	30449	52.145	ug/L #	91
42) Toluene	10.384	91	140319	25.414	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	41635	26.756	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	23035	26.163	ug/L	95
46) Tetrachloroethene	10.859	164	31777	24.991	ug/L	96
48) 2-Hexanone	10.969	43	22380	56.436	ug/L #	92
49) Dibromochloromethane	11.128	129	33597	28.401	ug/L	94
50) 1,2-Dibromoethane	11.237	107	23400	26.463	ug/L #	99
51) Chlorobenzene	11.652	112	92483	25.960	ug/L	93
52) Ethylbenzene	11.731	91	154123	24.868	ug/L	93
53) m,p-Xylene	11.841	106	62193	25.044	ug/L	82
54) o-Xylene	12.164	106	59895	25.447	ug/L	96
55) Styrene	12.182	104	104166	25.769	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	26582	27.294	ug/L #	98
59) Bromoform	12.347	173	19778	26.488	ug/L	97
60) Isopropylbenzene	12.463	105	161527	22.649	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	19299	24.651	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	142298	23.601	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	139245	23.250	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	76479	22.713	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	77721	23.148	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	69065	23.493	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4386	25.443	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.621	180	60063	24.282	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	45877	23.235	ug/L	98
71) Naphthalene	15.365	128	75735	23.575	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41094	24.725	ug/L	96

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

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