

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
 Data File : VW019218.D
 Acq On : 14 Jun 2021 16:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: Jun 15 01:19:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 15 01:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	481819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	220411	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128370	20.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
7) Chloroethane-d5	2.898	69	121110	22.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.032	63	294723	23.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.086	46	80483	48.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.460%
24) Chloroform-d	7.653	84	310311	23.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.311	65	163711	22.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.275	84	577518	22.958	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.275	67	178754	23.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.760%
41) Toluene-d8	10.323	98	526443	22.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.579	79	74618	22.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.927	63	65346	50.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	152876	24.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	177550	23.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	162057	25.962	ug/L	92
3) Chloromethane	2.221	50	150366	26.055	ug/L	96
5) Vinyl chloride	2.367	62	239432	27.178	ug/L	99
6) Bromomethane	2.788	94	155325	23.711	ug/L	96
8) Chloroethane	2.934	64	144372	27.566	ug/L	97
9) Trichlorofluoromethane	3.270	101	132828	27.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	187391	27.096	ug/L	97
12) 1,1-Dichloroethene	4.044	96	184601	27.020	ug/L	98
13) Acetone	4.141	43	100587	68.017	ug/L	89
14) Carbon disulfide	4.391	76	559298	25.899	ug/L	100
15) Methyl Acetate	4.684	43	71421	24.011	ug/L	98
16) Methylene chloride	4.922	84	192040	21.480	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	191736	26.048	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	237528	24.962	ug/L	98
19) 1,1-Dichloroethane	6.220	63	347919	26.629	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	196974	25.701	ug/L	97
22) 2-Butanone	7.177	43	121145	61.267	ug/L	99
23) Bromochloromethane	7.519	128	81974	24.313	ug/L	86
25) Chloroform	7.677	83	350865	26.331	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225457	24.985	ug/L	99
29) Cyclohexane	7.958	56	316727	27.567	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	274665	27.035	ug/L	99
31) Carbon tetrachloride	8.067	117	255702	27.258	ug/L	100
33) Benzene	8.330	78	777662	26.777	ug/L	100
34) Trichloroethene	9.092	95	201459	26.610	ug/L	96
35) Methylcyclohexane	9.336	83	353575	27.140	ug/L	97
37) 1,2-Dichloropropane	9.372	63	190962	26.768	ug/L	98
38) Bromodichloromethane	9.646	83	242834	26.243	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	285866	25.861	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	210970	49.656	ug/L	95
42) Toluene	10.390	91	831653	26.617	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	252144	25.842	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	137164	25.536	ug/L	97
46) Tetrachloroethene	10.866	164	149720	25.872	ug/L	96
48) 2-Hexanone	10.969	43	173262	60.664	ug/L	96
49) Dibromochloromethane	11.128	129	150868	25.342	ug/L	98
50) 1,2-Dibromoethane	11.238	107	124412	23.908	ug/L	99
51) Chlorobenzene	11.658	112	498800	25.863	ug/L	98
52) Ethylbenzene	11.731	91	927119	26.973	ug/L	97
53) m,p-Xylene	11.841	106	345233	27.236	ug/L	99
54) o-Xylene	12.164	106	323763	26.814	ug/L	92
55) Styrene	12.183	104	551132	26.542	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	169192	25.559	ug/L	99
59) Bromoform	12.347	173	80917	23.830	ug/L	98
60) Isopropylbenzene	12.463	105	899881	27.270	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	122993	24.942	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	735291	27.130	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	738021	27.279	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	372229	25.846	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	372624	25.303	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	334235	25.786	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	26183	24.256	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	268810	25.833	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	211234	24.735	ug/L	96
71) Naphthalene	15.365	128	441066	25.904	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	189702	25.071	ug/L	96

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

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