

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060721\
 Data File : VW019148.D
 Acq On : 07 Jun 2021 15:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025127

Quant Time: Jun 08 01:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 08 01:22:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	598792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	552038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	283006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	177674	22.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
7) Chloroethane-d5	2.891	69	151884	22.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	4.031	63	370149	23.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.079	46	128970	62.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.360%
24) Chloroform-d	7.652	84	390244	24.241	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.311	65	219520	24.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.274	84	766592	24.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.274	67	229983	24.120	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.323	98	695111	24.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.579	79	104671	25.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.400%
47) 2-Hexanone-d5	10.926	63	107930	66.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.500%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	217670	27.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	239310	24.227	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	183290	23.627	ug/L	98
3) Chloromethane	2.214	50	155648	21.701	ug/L	100
5) Vinyl chloride	2.367	62	263812	24.096	ug/L	95
6) Bromomethane	2.781	94	172699	21.213	ug/L	99
8) Chloroethane	2.928	64	152270	23.394	ug/L	94
9) Trichlorofluoromethane	3.263	101	144806	24.098	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	211697	24.631	ug/L	98
12) 1,1-Dichloroethene	4.049	96	211214	24.876	ug/L	98
13) Acetone	4.123	43	122729	66.778	ug/L	88
14) Carbon disulfide	4.391	76	638176	23.779	ug/L	100
15) Methyl Acetate	4.671	43	105138	28.441	ug/L	97
16) Methylene chloride	4.927	84	228166	20.536	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	222598	24.333	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	303744	25.685	ug/L	98
19) 1,1-Dichloroethane	6.220	63	396653	24.429	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	235876	24.765	ug/L	98
22) 2-Butanone	7.171	43	166207	67.636	ug/L	100
23) Bromochloromethane	7.518	128	103636	24.733	ug/L	94
25) Chloroform	7.677	83	401729	24.258	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	277928	24.783	ug/L	100
29) Cyclohexane	7.963	56	357687	24.900	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	317760	25.016	ug/L	98
31) Carbon tetrachloride	8.073	117	290322	24.753	ug/L	97
33) Benzene	8.329	78	889941	24.509	ug/L	100
34) Trichloroethene	9.091	95	232745	24.589	ug/L	96
35) Methylcyclohexane	9.335	83	407334	25.008	ug/L	98
37) 1,2-Dichloropropane	9.372	63	217748	24.413	ug/L	99
38) Bromodichloromethane	9.646	83	284551	24.595	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	353518	25.580	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	312229	58.779	ug/L	95
42) Toluene	10.390	91	958641	24.539	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	317417	26.020	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	172679	25.713	ug/L	96
46) Tetrachloroethene	10.865	164	182327	25.199	ug/L	95
48) 2-Hexanone	10.969	43	235535	65.959	ug/L	95
49) Dibromochloromethane	11.134	129	189175	25.415	ug/L	97
50) 1,2-Dibromoethane	11.237	107	169780	26.095	ug/L	95
51) Chlorobenzene	11.658	112	594539	24.656	ug/L	99
52) Ethylbenzene	11.731	91	1078885	25.105	ug/L	98
53) m,p-Xylene	11.841	106	401792	25.353	ug/L	100
54) o-Xylene	12.164	106	380062	25.176	ug/L	93
55) Styrene	12.182	104	659695	25.411	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	227995	27.548	ug/L	99
59) Bromoform	12.353	173	111286	25.525	ug/L	100
60) Isopropylbenzene	12.463	105	1048900	24.756	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	170935	26.998	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	868205	24.949	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	887728	25.555	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	445098	24.070	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	459714	24.313	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	419497	25.206	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	39855	28.756	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	340969	25.521	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	284765	25.970	ug/L	99
71) Naphthalene	15.365	128	635469	29.067	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	259688	26.729	ug/L	94

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

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