

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061021\
 Data File : VW019174.D
 Acq On : 10 Jun 2021 10:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Jun 11 01:04:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 10 01:14:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573056	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	524602	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	260943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161181	21.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.080%
7) Chloroethane-d5	2.898	69	147585	22.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	4.032	63	348796	23.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	7.086	46	72473	36.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.020%
24) Chloroform-d	7.653	84	362321	23.517	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.311	65	180451	20.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.520%
32) Benzene-d6	8.275	84	691808	23.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	9.274	67	207346	22.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	10.323	98	638242	23.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.579	79	83747	21.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.927	63	59692	38.849	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.700%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	155599	20.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	203586	22.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	174712	23.533	ug/L	96
3) Chloromethane	2.221	50	159245	23.200	ug/L	97
5) Vinyl chloride	2.373	62	262062	25.011	ug/L	98
6) Bromomethane	2.788	94	171566	22.021	ug/L	100
8) Chloroethane	2.934	64	155442	24.954	ug/L	99
9) Trichlorofluoromethane	3.269	101	140878	24.497	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	206293	25.080	ug/L	96
12) 1,1-Dichloroethene	4.044	96	200634	24.691	ug/L	91
13) Acetone	4.147	43	71357	40.569	ug/L	92
14) Carbon disulfide	4.397	76	619649	24.126	ug/L	99
15) Methyl Acetate	4.684	43	64068	18.110	ug/L	99
16) Methylene chloride	4.922	84	201642	18.963	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	209921	23.978	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	236507	20.898	ug/L	98
19) 1,1-Dichloroethane	6.220	63	373686	24.048	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	216164	23.714	ug/L	98
22) 2-Butanone	7.177	43	93138	39.604	ug/L	99
23) Bromochloromethane	7.519	128	87936	21.929	ug/L	96
25) Chloroform	7.677	83	375671	23.704	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	232406	21.655	ug/L	99
29) Cyclohexane	7.958	56	341814	25.040	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	298790	24.753	ug/L	99
31) Carbon tetrachloride	8.073	117	279095	25.041	ug/L	99
33) Benzene	8.330	78	838398	24.297	ug/L	100
34) Trichloroethene	9.092	95	217289	24.156	ug/L	97
35) Methylcyclohexane	9.335	83	389352	25.154	ug/L	98
37) 1,2-Dichloropropane	9.372	63	200153	23.613	ug/L	99
38) Bromodichloromethane	9.646	83	257660	23.436	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	309696	23.581	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	188958	37.433	ug/L	96
42) Toluene	10.390	91	906160	24.409	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	256032	22.085	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	136425	21.377	ug/L	96
46) Tetrachloroethene	10.860	164	163003	23.707	ug/L	97
48) 2-Hexanone	10.969	43	133864	39.448	ug/L	95
49) Dibromochloromethane	11.128	129	155739	22.017	ug/L	89
50) 1,2-Dibromoethane	11.238	107	124386	20.118	ug/L #	97
51) Chlorobenzene	11.658	112	540396	23.582	ug/L	98
52) Ethylbenzene	11.731	91	1011138	24.759	ug/L	96
53) m,p-Xylene	11.841	106	363736	24.152	ug/L	89
54) o-Xylene	12.164	106	350118	24.405	ug/L	95
55) Styrene	12.183	104	598110	24.243	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	157840	20.069	ug/L	99
59) Bromoform	12.347	173	80381	19.995	ug/L	98
60) Isopropylbenzene	12.463	105	982454	25.148	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	113429	19.430	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	818907	25.522	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	806902	25.192	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	409300	24.006	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	403554	23.147	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	366763	23.901	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23470	18.366	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	302880	24.586	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	238620	23.601	ug/L	99
71) Naphthalene	15.365	128	422278	20.948	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	204957	22.880	ug/L	97

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

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