

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019841.D
 Acq On : 20 Aug 2021 18:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Aug 20 23:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	320734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	312697	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132188	26.600	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 106.400%		
7) Chloroethane-d5	2.897	69	114613	26.276	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.120%		
11) 1,1-Dichloroethene-d2	4.031	63	201290	23.343	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 93.360%		
21) 2-Butanone-d5	7.080	46	46882	46.445	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 92.900%		
24) Chloroform-d	7.653	84	228019	25.851	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	8.311	65	119042	25.043	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 100.160%		
32) Benzene-d6	8.281	84	446764	25.058	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 100.240%		
36) 1,2-Dichloropropane-d6	9.274	67	132673	24.573	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 98.280%		
41) Toluene-d8	10.323	98	409444	25.060	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 100.240%		
43) trans-1,3-Dichloroprop...	10.579	79	52512	23.543	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 94.160%		
47) 2-Hexanone-d5	10.927	63	33775	44.904	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 89.800%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107700	24.508	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 98.040%		
66) 1,2-Dichlorobenzene-d4	13.853	152	131012	24.120	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 96.480%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.013	85	73484	23.379	ug/L	96
3) Chloromethane	2.221	50	104351	26.677	ug/L	98
5) Vinyl chloride	2.373	62	150955	26.022	ug/L	99
6) Bromomethane	2.788	94	104501	24.276	ug/L	96
8) Chloroethane	2.934	64	97532	25.647	ug/L	96
9) Trichlorofluoromethane	3.269	101	77672	20.817	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	110022	24.842	ug/L	96
12) 1,1-Dichloroethene	4.050	96	105156	24.212	ug/L	93
13) Acetone	4.129	43	32054	37.199	ug/L	87
14) Carbon disulfide	4.397	76	340140	24.486	ug/L	99
15) Methyl Acetate	4.678	43	40815	22.755	ug/L	99
16) Methylene chloride	4.928	84	127148	23.098	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	113626	24.904	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	124746	23.753	ug/L	97
19) 1,1-Dichloroethane	6.226	63	209711	25.930	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	118446	25.648	ug/L	98
22) 2-Butanone	7.177	43	50202	44.959	ug/L	98
23) Bromochloromethane	7.519	128	53874	26.067	ug/L	96
25) Chloroform	7.677	83	216944	25.929	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	138052	25.292	ug/L	97
29) Cyclohexane	7.964	56	172290	23.462	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	167657	23.990	ug/L	99
31) Carbon tetrachloride	8.073	117	156113	23.963	ug/L	100
33) Benzene	8.329	78	486317	25.340	ug/L	100
34) Trichloroethene	9.098	95	118682	23.788	ug/L	94
35) Methylcyclohexane	9.335	83	202767	23.694	ug/L	98
37) 1,2-Dichloropropane	9.372	63	117980	24.822	ug/L	99
38) Bromodichloromethane	9.646	83	152578	24.779	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	172429	24.635	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	118323	46.815	ug/L	98
42) Toluene	10.390	91	525572	25.852	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	150236	24.385	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	86033	25.002	ug/L	97
46) Tetrachloroethene	10.866	164	89329	23.637	ug/L	96
48) 2-Hexanone	10.969	43	85046	48.339	ug/L	99
49) Dibromochloromethane	11.128	129	97984	24.893	ug/L	94
50) 1,2-Dibromoethane	11.237	107	78354	24.243	ug/L	98
51) Chlorobenzene	11.658	112	316710	24.528	ug/L	98
52) Ethylbenzene	11.731	91	551378	25.192	ug/L	100
53) m,p-Xylene	11.841	106	216737	25.786	ug/L	97
54) o-Xylene	12.164	106	200473	25.214	ug/L	97
55) Styrene	12.182	104	356328	26.229	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	101085	23.955	ug/L	99
59) Bromoform	12.353	173	51253	24.378	ug/L	98
60) Isopropylbenzene	12.463	105	535942	24.979	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72686	23.412	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	449043	26.221	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	450452	25.950	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	242766	25.378	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	244704	24.887	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	214554	24.699	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	15300	22.606	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	160072	24.286	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	126527	24.982	ug/L	97
71) Naphthalene	15.365	128	252695	25.016	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	122369	26.093	ug/L	98

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

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