

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019793.D
 Acq On : 19 Aug 2021 08:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Quant Time: Aug 20 00:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	345738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	322030	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	167673	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145314	27.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.520%	
7) Chloroethane-d5	2.898	69	119812	25.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.920%	
11) 1,1-Dichloroethene-d2	4.025	63	233736	25.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.600%	
21) 2-Butanone-d5	7.080	46	50409	46.328	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 92.660%	
24) Chloroform-d	7.653	84	244761	25.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.960%	
26) 1,2-Dichloroethane-d4	8.311	65	128108	25.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.000%	
32) Benzene-d6	8.281	84	478787	26.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.320%	
36) 1,2-Dichloropropane-d6	9.275	67	139174	25.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.120%	
41) Toluene-d8	10.323	98	436570	25.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.800%	
43) trans-1,3-Dichloroprop...	10.579	79	60518	26.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.400%	
47) 2-Hexanone-d5	10.927	63	36624	47.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.560%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	114853	25.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.520%	
66) 1,2-Dichlorobenzene-d4	13.853	152	136525	23.737	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	87208	25.738	ug/L	99
3) Chloromethane	2.221	50	104487	24.780	ug/L	98
5) Vinyl chloride	2.367	62	159905	25.571	ug/L	99
6) Bromomethane	2.788	94	109199	23.532	ug/L	98
8) Chloroethane	2.934	64	101970	24.875	ug/L	96
9) Trichlorofluoromethane	3.269	101	105546	26.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	124308	26.038	ug/L	98
12) 1,1-Dichloroethene	4.050	96	117786	25.158	ug/L	96
13) Acetone	4.123	43	46768	50.349	ug/L	92
14) Carbon disulfide	4.391	76	382393	25.536	ug/L	99
15) Methyl Acetate	4.672	43	45661	23.616	ug/L	98
16) Methylene chloride	4.922	84	124262	20.941	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	124379	25.289	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	133482	23.578	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	216708	24.858	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	123900	24.889	ug/L	98
22) 2-Butanone	7.171	43	58040	48.219	ug/L	97
23) Bromochloromethane	7.519	128	55821	25.055	ug/L	91
25) Chloroform	7.683	83	227696	25.245	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148051	25.163	ug/L	99
29) Cyclohexane	7.964	56	199272	26.350	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	185343	25.752	ug/L	99
31) Carbon tetrachloride	8.074	117	175045	26.090	ug/L	100
33) Benzene	8.323	78	509729	25.790	ug/L	100
34) Trichloroethene	9.092	95	127828	24.879	ug/L	92
35) Methylcyclohexane	9.342	83	234691	26.630	ug/L	99
37) 1,2-Dichloropropane	9.372	63	123752	25.281	ug/L	99
38) Bromodichloromethane	9.646	83	159580	25.166	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	184961	25.660	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	129638	49.806	ug/L	97
42) Toluene	10.390	91	551248	26.329	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	163719	25.804	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	89407	25.229	ug/L	96
46) Tetrachloroethene	10.866	164	98502	25.309	ug/L	95
48) 2-Hexanone	10.969	43	95164	52.522	ug/L	98
49) Dibromochloromethane	11.128	129	102584	25.306	ug/L	95
50) 1,2-Dibromoethane	11.238	107	83326	25.034	ug/L	95
51) Chlorobenzene	11.658	112	332946	25.039	ug/L	99
52) Ethylbenzene	11.731	91	596389	26.459	ug/L	98
53) m,p-Xylene	11.841	106	224826	25.974	ug/L	97
54) o-Xylene	12.170	106	214754	26.228	ug/L	98
55) Styrene	12.183	104	369820	26.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107633	24.767	ug/L	99
59) Bromoform	12.353	173	53867	24.196	ug/L	96
60) Isopropylbenzene	12.463	105	577672	25.427	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	78537	23.890	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	479396	26.437	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	485298	26.403	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	253024	24.980	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	255297	24.521	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	223909	24.343	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16286	22.725	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	174399	24.988	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	133066	24.812	ug/L	97
71) Naphthalene	15.365	128	274099	25.626	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	124679	25.107	ug/L	98

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

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