

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019864.D
 Acq On : 23 Aug 2021 19:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Aug 24 00:59:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	343624	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	322138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	168429	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129351	24.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
7) Chloroethane-d5	2.897	69	118552	25.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.480%
11) 1,1-Dichloroethene-d2	4.038	63	201275	21.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	7.086	46	54577	50.467	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
24) Chloroform-d	7.653	84	239281	25.320	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	8.311	65	134304	26.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.480%
32) Benzene-d6	8.281	84	462782	25.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.274	67	143479	25.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.200%
41) Toluene-d8	10.323	98	420167	24.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.579	79	58530	25.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.880%
47) 2-Hexanone-d5	10.927	63	42200	54.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	126161	27.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	140995	24.404	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	74108	22.007	ug/L	99
3) Chloromethane	2.215	50	95556	22.801	ug/L	95
5) Vinyl chloride	2.367	62	152338	24.511	ug/L	100
6) Bromomethane	2.788	94	115251	24.989	ug/L	97
8) Chloroethane	2.934	64	103065	25.296	ug/L	99
9) Trichlorofluoromethane	3.263	101	71732	17.944	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	110408	23.269	ug/L	97
12) 1,1-Dichloroethene	4.050	96	105128	22.593	ug/L	95
13) Acetone	4.135	43	36827	39.891	ug/L	89
14) Carbon disulfide	4.391	76	337635	22.686	ug/L	98
15) Methyl Acetate	4.678	43	49713	25.869	ug/L	100
16) Methylene chloride	4.928	84	127088	21.549	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	116631	23.860	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	141316	25.115	ug/L	98
19) 1,1-Dichloroethane	6.220	63	216845	25.026	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	125581	25.382	ug/L	96
22) 2-Butanone	7.183	43	60706	50.744	ug/L	99
23) Bromochloromethane	7.519	128	58523	26.430	ug/L	94
25) Chloroform	7.677	83	225659	25.174	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	153866	26.312	ug/L	98
29) Cyclohexane	7.964	56	171888	22.722	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	172870	24.011	ug/L	99
31) Carbon tetrachloride	8.073	117	161660	24.087	ug/L	97
33) Benzene	8.329	78	505743	25.580	ug/L	100
34) Trichloroethene	9.098	95	124397	24.203	ug/L	96
35) Methylcyclohexane	9.341	83	201972	22.910	ug/L	98
37) 1,2-Dichloropropane	9.372	63	127322	26.002	ug/L	99
38) Bromodichloromethane	9.646	83	162455	25.610	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	182042	25.246	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	146804	56.382	ug/L	98
42) Toluene	10.390	91	551602	26.337	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	165191	26.027	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	96917	27.339	ug/L	97
46) Tetrachloroethene	10.866	164	90741	23.307	ug/L	98
48) 2-Hexanone	10.969	43	102415	56.505	ug/L	97
49) Dibromochloromethane	11.128	129	108282	26.703	ug/L	96
50) 1,2-Dibromoethane	11.237	107	89286	26.816	ug/L	97
51) Chlorobenzene	11.658	112	335015	25.186	ug/L	99
52) Ethylbenzene	11.731	91	571516	25.347	ug/L	97
53) m,p-Xylene	11.841	106	221383	25.567	ug/L	98
54) o-Xylene	12.164	106	210897	25.748	ug/L	100
55) Styrene	12.182	104	340532	24.331	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118214	27.193	ug/L	98
59) Bromoform	12.347	173	58504	26.161	ug/L	97
60) Isopropylbenzene	12.463	105	552895	24.227	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87460	26.485	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	450246	24.718	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	472567	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	242716	23.855	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	256436	24.520	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	231181	25.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18558	25.779	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	161499	23.036	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	126599	23.501	ug/L	93
71) Naphthalene	15.365	128	304243	28.317	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	125824	25.224	ug/L	98

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

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