

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019368.D
 Acq On : 29 Jun 2021 17:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jun 30 01:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 30 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	522833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	478130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	244574	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161475	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
7) Chloroethane-d5	2.891	69	128694	24.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.480%
11) 1,1-Dichloroethene-d2	4.031	63	337320	24.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.200%
21) 2-Butanone-d5	7.086	46	88224	51.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.500%
24) Chloroform-d	7.653	84	348370	24.121	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.311	65	178864	24.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.480%
32) Benzene-d6	8.280	84	705527	24.077	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.274	67	216639	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.040%
41) Toluene-d8	10.323	98	631276	23.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.120%
43) trans-1,3-Dichloroprop...	10.579	79	84717	24.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.926	63	74072	53.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.120%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	163584	24.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	208988	23.359	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	164199	26.355	ug/L	95
3) Chloromethane	2.215	50	151101	23.535	ug/L	99
5) Vinyl chloride	2.367	62	221459	24.902	ug/L	97
6) Bromomethane	2.781	94	120214	24.278	ug/L	99
8) Chloroethane	2.928	64	121394	24.892	ug/L	98
9) Trichlorofluoromethane	3.263	101	121439	24.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	175357	25.266	ug/L	96
12) 1,1-Dichloroethene	4.050	96	173671	24.822	ug/L	92
13) Acetone	4.135	43	53436	50.249	ug/L	86
14) Carbon disulfide	4.397	76	548876	24.803	ug/L	100
15) Methyl Acetate	4.677	43	77524	26.554	ug/L	98
16) Methylene chloride	4.921	84	213048	23.311	ug/L	99
17) trans-1,2-Dichloroethene	5.433	96	188635	24.874	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	234017	25.435	ug/L	95
19) 1,1-Dichloroethane	6.220	63	345514	25.346	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	197817	24.820	ug/L	98
22) 2-Butanone	7.177	43	95980	52.920	ug/L	97
23) Bromochloromethane	7.518	128	86736	25.037	ug/L	97
25) Chloroform	7.677	83	338127	25.003	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	216853	25.494	ug/L	98
29) Cyclohexane	7.957	56	325388	25.543	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	252510	24.860	ug/L	99
31) Carbon tetrachloride	8.073	117	238298	24.917	ug/L	100
33) Benzene	8.329	78	795788	25.515	ug/L	100
34) Trichloroethene	9.091	95	198757	25.040	ug/L	93
35) Methylcyclohexane	9.341	83	356995	25.498	ug/L	96
37) 1,2-Dichloropropane	9.372	63	195569	25.618	ug/L	99
38) Bromodichloromethane	9.646	83	238451	25.394	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	295297	25.938	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	220191	55.020	ug/L	96
42) Toluene	10.390	91	823476	25.456	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	251611	25.886	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	135013	24.959	ug/L	93
46) Tetrachloroethene	10.865	164	148925	24.288	ug/L	97
48) 2-Hexanone	10.969	43	151096	55.095	ug/L	96
49) Dibromochloromethane	11.128	129	152558	25.435	ug/L	96
50) 1,2-Dibromoethane	11.237	107	130496	25.488	ug/L	98
51) Chlorobenzene	11.658	112	507108	24.922	ug/L	97
52) Ethylbenzene	11.731	91	910740	25.754	ug/L	97
53) m,p-Xylene	11.841	106	343749	25.680	ug/L	100
54) o-Xylene	12.164	106	329587	25.807	ug/L	98
55) Styrene	12.182	104	561751	26.007	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	164185	25.711	ug/L	98
59) Bromoform	12.353	173	84307	25.214	ug/L	97
60) Isopropylbenzene	12.463	105	886379	25.417	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	121750	25.025	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	741599	25.518	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	746805	25.841	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	368240	23.698	ug/L	87
65) 1,4-Dichlorobenzene	13.578	146	381947	24.737	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	339222	24.690	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	25889	25.203	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	276918	24.619	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	222959	24.071	ug/L	100
71) Naphthalene	15.365	128	463007	26.242	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	194275	24.242	ug/L	99

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

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