

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072621\
 Data File : VW019610.D
 Acq On : 26 Jul 2021 21:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Jul 27 01:13:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 27 01:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	372709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	194840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	112557	20.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.440%
7) Chloroethane-d5	2.898	69	89972	23.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	4.032	63	225919	21.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	7.080	46	84088	53.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.100%
24) Chloroform-d	7.653	84	258408	24.265	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.311	65	142350	24.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.440%
32) Benzene-d6	8.275	84	494306	22.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.274	67	158419	22.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.323	98	441858	22.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.579	79	65732	22.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.927	63	67813	52.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	144923	25.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	157277	22.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	104754	22.817	ug/L	97
3) Chloromethane	2.221	50	105424	22.377	ug/L	100
5) Vinyl chloride	2.373	62	154116	23.768	ug/L	96
6) Bromomethane	2.788	94	87657	24.449	ug/L	98
8) Chloroethane	2.934	64	87618	25.387	ug/L	99
9) Trichlorofluoromethane	3.269	101	99419	25.240	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	124900	24.788	ug/L	95
12) 1,1-Dichloroethene	4.050	96	124714	24.786	ug/L	98
13) Acetone	4.123	43	52704	45.128	ug/L	87
14) Carbon disulfide	4.391	76	380237	23.599	ug/L	99
15) Methyl Acetate	4.672	43	66808	25.702	ug/L	99
16) Methylene chloride	4.922	84	152619	19.863	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	135224	24.713	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	187265	24.771	ug/L	96
19) 1,1-Dichloroethane	6.220	63	250147	24.900	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	142995	24.708	ug/L	95
22) 2-Butanone	7.171	43	85035	47.056	ug/L	98
23) Bromochloromethane	7.513	128	67468	25.886	ug/L	98
25) Chloroform	7.683	83	252728	25.432	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	172084	25.738	ug/L	97
29) Cyclohexane	7.964	56	216848	22.688	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	192142	24.979	ug/L	99
31) Carbon tetrachloride	8.073	117	173119	24.189	ug/L	98
33) Benzene	8.329	78	571669	24.505	ug/L	100
34) Trichloroethene	9.092	95	141648	23.790	ug/L	95
35) Methylcyclohexane	9.342	83	242376	23.003	ug/L	95
37) 1,2-Dichloropropane	9.372	63	145552	24.620	ug/L	99
38) Bromodichloromethane	9.646	83	181587	24.771	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	216261	23.920	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	188124	50.417	ug/L	96
42) Toluene	10.390	91	604408	24.857	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	191438	24.072	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	108995	24.778	ug/L	96
46) Tetrachloroethene	10.866	164	109616	24.155	ug/L	96
48) 2-Hexanone	10.969	43	133000	52.334	ug/L	96
49) Dibromochloromethane	11.128	129	120816	25.539	ug/L	92
50) 1,2-Dibromoethane	11.238	107	107298	25.431	ug/L #	99
51) Chlorobenzene	11.658	112	375059	24.530	ug/L	97
52) Ethylbenzene	11.731	91	644402	24.344	ug/L	100
53) m,p-Xylene	11.841	106	248955	24.886	ug/L	94
54) o-Xylene	12.164	106	238197	25.197	ug/L	96
55) Styrene	12.182	104	420812	25.691	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	138908	25.642	ug/L	98
59) Bromoform	12.353	173	70354	25.298	ug/L	99
60) Isopropylbenzene	12.463	105	626982	23.944	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104059	24.380	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	531994	24.265	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	540012	24.444	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	272214	22.717	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	284052	23.990	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	265048	24.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23300	25.016	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	199166	22.748	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	160512	21.927	ug/L	98
71) Naphthalene	15.365	128	369267	24.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152190	23.216	ug/L	99

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

