

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019877.D
 Acq On : 24 Aug 2021 16:05
 Operator : SY/VA
 Sample : M3526-02MS
 Misc : 6.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7A9MS

Quant Time: Aug 25 01:01:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	339713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	311730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	132350	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	128219	24.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.904	69	117169	25.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
11) 1,1-Dichloroethene-d2	4.032	63	194348	21.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.120%
21) 2-Butanone-d5	7.086	46	44869	41.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.940%
24) Chloroform-d	7.653	84	220016	23.550	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.311	65	114099	22.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.640%
32) Benzene-d6	8.281	84	427426	24.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.274	67	130044	24.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.329	98	381433	23.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	10.579	79	52991	23.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.320%
47) 2-Hexanone-d5	10.927	63	35670	47.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	102273	23.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	104908	23.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	76194	22.887	ug/L	98
3) Chloromethane	2.221	50	85696	20.684	ug/L	98
5) Vinyl chloride	2.373	62	141654	23.054	ug/L	98
6) Bromomethane	2.794	94	99431	21.808	ug/L	99
8) Chloroethane	2.934	64	95361	23.675	ug/L	100
9) Trichlorofluoromethane	3.269	101	76836	19.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	98969	21.098	ug/L	97
12) 1,1-Dichloroethene	4.050	96	95178	20.690	ug/L	89
13) Acetone	4.147	43	44259	48.493	ug/L	86
14) Carbon disulfide	4.397	76	283242	19.251	ug/L	98
15) Methyl Acetate	4.678	43	37065	19.510	ug/L	# 76
16) Methylene chloride	4.922	84	123910	21.252	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	98976	20.481	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	114763	20.631	ug/L	96
19) 1,1-Dichloroethane	6.220	63	184942	21.590	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	104621	21.389	ug/L	99
22) 2-Butanone	7.177	43	51856	43.846	ug/L	100
23) Bromochloromethane	7.519	128	46664	21.317	ug/L	95
25) Chloroform	7.683	83	190766	21.526	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	119844	20.730	ug/L	97
29) Cyclohexane	7.964	56	145279	19.845	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	151866	21.798	ug/L	99
31) Carbon tetrachloride	8.073	117	138601	21.341	ug/L	100
33) Benzene	8.330	78	430057	22.478	ug/L	100
34) Trichloroethene	9.098	95	104841	21.079	ug/L	93
35) Methylcyclohexane	9.335	83	153413	17.983	ug/L	89
37) 1,2-Dichloropropane	9.372	63	105617	22.289	ug/L	100
38) Bromodichloromethane	9.646	83	136269	22.199	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	155901	22.343	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	110191	43.733	ug/L	97
42) Toluene	10.390	91	451775	22.291	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	132731	21.611	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	103958	30.305	ug/L	96
46) Tetrachloroethene	10.866	164	76197	20.225	ug/L	98
48) 2-Hexanone	10.969	43	76591	43.668	ug/L #	92
49) Dibromochloromethane	11.128	129	83217	21.207	ug/L	94
50) 1,2-Dibromoethane	11.238	107	70521	21.887	ug/L	93
51) Chlorobenzene	11.658	112	266784	20.726	ug/L	99
52) Ethylbenzene	11.731	91	461625	21.156	ug/L	100
53) m,p-Xylene	11.841	106	177781	21.217	ug/L	100
54) o-Xylene	12.164	106	175354	22.124	ug/L	96
55) Styrene	12.183	104	290557	21.454	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	90029	21.401	ug/L	99
59) Bromoform	12.347	173	40432	23.009	ug/L	94
60) Isopropylbenzene	12.463	105	435029	24.259	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	63607	24.512	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	345251	24.121	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	344962	23.777	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	168365	21.058	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	169309	20.602	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	152960	21.068	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	13551	23.955	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	88359	16.039	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	73630	17.394	ug/L #	92
71) Naphthalene	15.365	128	187249	22.179	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	60355	15.397	ug/L	96

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

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