

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020134.D
 Acq On : 23 Sep 2021 10:19
 Operator : SY/VA
 Sample : M3837-17MS
 Misc : 4.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7W1MS

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:53:40 AM

Quant Time: Sep 24 01:39:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	306804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	274354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	122076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128956	20.546	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.200%		
7) Chloroethane-d5	2.898	69	102952	21.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.080%		
11) 1,1-Dichloroethene-d2	4.032	63	205491	20.910	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.640%		
21) 2-Butanone-d5	7.086	46	43295	44.701	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.400%		
24) Chloroform-d	7.653	84	224934	23.312	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.240%		
26) 1,2-Dichloroethane-d4	8.311	65	119923	23.093	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.360%		
32) Benzene-d6	8.281	84	413265	23.611	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.440%		
36) 1,2-Dichloropropane-d6	9.274	67	122248	24.133	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.520%		
41) Toluene-d8	10.323	98	363651	22.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.320%		
43) trans-1,3-Dichloroprop...	10.579	79	50970	23.542	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.160%		
47) 2-Hexanone-d5	10.927	63	34319	48.956	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.920%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	91285	23.362	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	98783	21.580	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	72520	26.987	ug/L	94
3) Chloromethane	2.221	50	97047	26.117	ug/L	98
5) Vinyl chloride	2.373	62	150795	25.844	ug/L	99
6) Bromomethane	2.794	94	94498	25.053	ug/L	98
8) Chloroethane	2.934	64	91694	25.987	ug/L	98
9) Trichlorofluoromethane	3.269	101	93196	22.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	96907m	21.593	ug/L	
12) 1,1-Dichloroethene	4.050	96	101670	24.988	ug/L	83
13) Acetone	4.135	43	40249	48.521	ug/L	98
14) Carbon disulfide	4.397	76	319846	24.997	ug/L	99
15) Methyl Acetate	4.678	43	36821	23.212	ug/L	99
16) Methylene chloride	4.928	84	121863	22.510	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	105748	24.671	ug/L	98
18) Methyl tert-butyl Ether	5.440	73	124877	24.542	ug/L	99
19) 1,1-Dichloroethane	6.220	63	200581	25.371	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	108370	24.860	ug/L	98
22) 2-Butanone	7.177	43	52005	48.323	ug/L	100
23) Bromochloromethane	7.525	128	49035	24.814	ug/L	98
25) Chloroform	7.683	83	209070	25.289	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	138698	25.493	ug/L	99
29) Cyclohexane	7.964	56	127792	20.933	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	171566	25.237	ug/L	100
31) Carbon tetrachloride	8.073	117	154063	24.907	ug/L	99
33) Benzene	8.330	78	448252	27.072	ug/L	100
34) Trichloroethene	9.098	95	109964	24.809	ug/L	98
35) Methylcyclohexane	9.342	83	114146	15.805	ug/L	98
37) 1,2-Dichloropropane	9.372	63	108805	26.531	ug/L	99
38) Bromodichloromethane	9.646	83	147644	26.585	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	158617	26.223	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	107565	52.078	ug/L	99
42) Toluene	10.390	91	465776	26.478	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	143385	26.390	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	77234	25.684	ug/L	96
46) Tetrachloroethene	10.866	164	73077	21.330	ug/L	96
48) 2-Hexanone	10.969	43	80721	56.103	ug/L	98
49) Dibromochloromethane	11.128	129	91365	26.001	ug/L	95
50) 1,2-Dibromoethane	11.238	107	70023	24.743	ug/L	95
51) Chlorobenzene	11.658	112	271400	23.722	ug/L	100
52) Ethylbenzene	11.731	91	461877	23.839	ug/L	99
53) m,p-Xylene	11.841	106	172300	23.326	ug/L	98
54) o-Xylene	12.170	106	165493	24.220	ug/L	99
55) Styrene	12.183	104	300590	25.317	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	89163	24.824	ug/L	98
59) Bromoform	12.353	173	47661	28.635	ug/L	99
60) Isopropylbenzene	12.463	105	404734	24.727	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	67076	29.099	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	311431	23.184	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	318937	24.169	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	174240	23.212	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	177641	22.899	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	157336	23.014	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14400	27.829	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	84160	16.210	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	64559	16.112	ug/L	96
71) Naphthalene	15.365	128	145319	20.563	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	59986	16.626	ug/L	97

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

