

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
 Data File : VW020071.D
 Acq On : 20 Sep 2021 09:50
 Operator : SY/VA
 Sample : MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:00:01 PM

Quant Time: Sep 21 02:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 21 01:31:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	315979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	144893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	125910	24.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
7) Chloroethane-d5	2.897	69	101081	22.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.480%
11) 1,1-Dichloroethene-d2	4.025	63	158636	18.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.760%
21) 2-Butanone-d5	7.086	46	50733	35.723	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.440%
24) Chloroform-d	7.659	84	229404	26.414	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.311	65	131986	25.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	8.281	84	430325	24.961	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.280	67	131276	25.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.680%
41) Toluene-d8	10.329	98	390583	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.579	79	54040	22.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.880%
47) 2-Hexanone-d5	10.926	63	36554	34.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.980%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	107011	21.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	131970	26.726	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	2963	0.907	ug/L	96
3) Chloromethane	2.221	50	4945	1.124	ug/L	87
5) Vinyl chloride	2.373	62	7622	1.107	ug/L #	62
6) Bromomethane	2.788	94	4576	0.948	ug/L	95
8) Chloroethane	2.940	64	4491	1.069	ug/L	95
9) Trichlorofluoromethane	3.275	101	4166	1.037	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	6659m	1.474	ug/L	
12) 1,1-Dichloroethene	4.050	96	5803	1.357	ug/L #	1
14) Carbon disulfide	4.397	76	13937	0.998	ug/L	95
15) Methyl Acetate	4.690	43	2091m	0.889	ug/L	
16) Methylene chloride	4.921	84	12276	2.210	ug/L	88
17) trans-1,2-Dichloroethene	5.440	96	4786	1.062	ug/L	82
18) Methyl tert-butyl Ether	5.446	73	5617	0.998	ug/L #	80
19) 1,1-Dichloroethane	6.226	63	9527	1.182	ug/L #	86
20) cis-1,2-Dichloroethene	7.171	96	5005m	1.076	ug/L	
23) Bromochloromethane	7.525	128	2488	1.155	ug/L	91
25) Chloroform	7.683	83	11235	1.327	ug/L	99
27) 1,2-Dichloroethane	8.409	62	6872	1.160	ug/L #	93
29) Cyclohexane	7.957	56	5531	0.777	ug/L	99

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

30) 1,1,1-Trichloroethane	7.878	97	8482	1.145	ug/L	100
31) Carbon tetrachloride	8.073	117	7772	1.125	ug/L	95
33) Benzene	8.329	78	20559	1.081	ug/L	100
34) Trichloroethene	9.098	95	5261	1.045	ug/L	92
35) Methylcyclohexane	9.341	83	7640	0.900	ug/L	93
37) 1,2-Dichloropropane	9.372	63	5012	1.088	ug/L	99
38) Bromodichloromethane	9.646	83	6903	1.111	ug/L	96
39) cis-1,3-Dichloropropene	10.079	75	7014	1.009	ug/L	94
42) Toluene	10.390	91	27323	1.346	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	3843	1.044	ug/L	94
46) Tetrachloroethene	10.866	164	4310	1.106	ug/L	94
48) 2-Hexanone	10.969	43	3892	1.653	ug/L	94
49) Dibromochloromethane	11.134	129	4312	1.019	ug/L	98
50) 1,2-Dibromoethane	11.237	107	3525	0.973	ug/L	92
51) Chlorobenzene	11.658	112	14352	1.091	ug/L	93
52) Ethylbenzene	11.731	91	20748	0.936	ug/L	99
53) m,p-Xylene	11.841	106	7232	0.858	ug/L	99
54) o-Xylene	12.170	106	6359	0.799	ug/L	93
55) Styrene	12.182	104	10234	0.748	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	5288	1.096	ug/L #	89
59) Bromoform	12.353	173	2223	1.014	ug/L	98
60) Isopropylbenzene	12.463	105	16290	0.848	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	3341	0.986	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	13166	0.842	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	13058	0.851	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	9480	1.073	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	10439	1.159	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	9705	1.205	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	6603	1.080	ug/L	92
70) 1,2,4-trichlorobenzene	15.133	180	4881	1.020	ug/L	95
71) Naphthalene	15.359	128	7556	0.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	4367	0.972	ug/L	99

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

