

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
 Data File : VW020055.D
 Acq On : 17 Sep 2021 11:17
 Operator : SY/VA
 Sample : MDL7
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 MDL7

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:03:10 AM

Quant Time: Sep 17 11:58:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	269426	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	263798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	120085	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117579	26.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.000%
7) Chloroethane-d5	2.898	69	95487	25.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	4.025	63	140724	19.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.600%
21) 2-Butanone-d5	7.080	46	57929	47.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.440%
24) Chloroform-d	7.647	84	201217	27.105	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	8.311	65	123355	28.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.840%
32) Benzene-d6	8.275	84	393607	27.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.275	67	115787	27.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.480%
41) Toluene-d8	10.329	98	347525	25.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	10.579	79	50483	25.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.840%
47) 2-Hexanone-d5	10.927	63	41419	47.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	110293	26.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	120305	29.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.014	85	2416	0.865	ug/L	99
3) Chloromethane	2.215	50	4547	1.209	ug/L	93
5) Vinyl chloride	2.367	62	6891	1.171	ug/L #	35
6) Bromomethane	2.782	94	4284	1.039	ug/L	90
8) Chloroethane	2.928	64	3890	1.084	ug/L	99
9) Trichlorofluoromethane	3.263	101	3159	0.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	5529m	1.431	ug/L	
12) 1,1-Dichloroethene	4.044	96	4830	1.321	ug/L #	1
13) Acetone	4.123	43	4094	3.551	ug/L	75
14) Carbon disulfide	4.391	76	12830	1.075	ug/L	99
15) Methyl Acetate	4.684	43	1921m	0.955	ug/L	
16) Methylene chloride	4.922	84	13291	2.800	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	4014	1.042	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	4579m	0.952	ug/L	
19) 1,1-Dichloroethane	6.220	63	7787	1.130	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	4204	1.057	ug/L	100
23) Bromochloromethane	7.525	128	2274m	1.235	ug/L	
25) Chloroform	7.677	83	9531	1.317	ug/L	90
27) 1,2-Dichloroethane	8.403	62	5889	1.163	ug/L	99

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

29) Cyclohexane	7.952	56	4935m	0.831	ug/L	
30) 1,1,1-Trichloroethane	7.872	97	6854	1.109	ug/L	98
31) Carbon tetrachloride	8.080	117	6385	1.107	ug/L	100
33) Benzene	8.323	78	17750	1.118	ug/L	100
34) Trichloroethene	9.092	95	4645	1.105	ug/L	94
35) Methylcyclohexane	9.335	83	6025	0.850	ug/L	89
37) 1,2-Dichloropropane	9.372	63	4530	1.178	ug/L #	95
38) Bromodichloromethane	9.646	83	5733	1.106	ug/L	99
39) cis-1,3-Dichloropropene	10.079	75	6235	1.075	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	6432	2.346	ug/L	98
42) Toluene	10.390	91	23773	1.403	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	7933	1.444	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	3445	1.120	ug/L	90
46) Tetrachloroethene	10.866	164	3490	1.073	ug/L	90
48) 2-Hexanone	10.969	43	4049	2.060	ug/L #	95
49) Dibromochloromethane	11.128	129	3750	1.061	ug/L	97
50) 1,2-Dibromoethane	11.231	107	3326	1.100	ug/L #	99
51) Chlorobenzene	11.658	112	11667	1.062	ug/L	94
52) Ethylbenzene	11.731	91	16994	0.918	ug/L	100
53) m,p-Xylene	11.841	106	6145	0.873	ug/L	94
54) o-Xylene	12.164	106	4975	0.749	ug/L	83
55) Styrene	12.183	104	8164	0.715	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	4748	1.178	ug/L #	79
59) Bromoform	12.353	173	1962	1.080	ug/L	92
60) Isopropylbenzene	12.463	105	13251	0.832	ug/L	98
61) 1,2,3-Trichloropropane	12.774	75	3629	1.292	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.945	105	11186	0.863	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	10669	0.839	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	7620	1.040	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	8491	1.138	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	8257	1.237	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.627	180	5863	1.157	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	3980	1.003	ug/L	100
71) Naphthalene	15.365	128	6914	0.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	3347	0.899	ug/L	93

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

