

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024899.D
 Acq On : 13 Oct 2022 12:34
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2022
 Supervised By :Mahesh Dadoda 10/17/2022

Quant Time: Oct 14 02:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	478780	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	434790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	207724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121690	21.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.160%		
7) Chloroethane-d5	2.885	69	69362	20.973	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.880%		
11) 1,1-Dichloroethene-d2	4.019	63	211690	17.237	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.960%		
21) 2-Butanone-d5	7.080	46	77087	43.072	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.140%		
24) Chloroform-d	7.653	84	293762	21.753	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.000%		
26) 1,2-Dichloroethane-d4	8.305	65	156538	22.149	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.600%		
32) Benzene-d6	8.275	84	631470	23.161	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.640%		
36) 1,2-Dichloropropane-d6	9.274	67	192013	22.961	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.840%		
41) Toluene-d8	10.323	98	554671	22.666	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.680%		
43) trans-1,3-Dichloroprop...	10.579	79	70153	22.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.480%		
47) 2-Hexanone-d5	10.927	63	58991	42.076	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.160%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138320	21.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.840%		
66) 1,2-Dichlorobenzene-d4	13.853	152	168069	22.140	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.560%		
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	9716m	1.417	ug/L	
12) 1,1-Dichloroethene	4.050	96	8982	1.385	ug/L	# 1
13) Acetone	4.135	43	4474	3.572	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	6591	0.933	ug/L	87
18) Methyl tert-butyl Ether	5.440	73	10284m	0.980	ug/L	
19) 1,1-Dichloroethane	6.220	63	12842	0.983	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	7490	0.982	ug/L	94
22) 2-Butanone	7.177	43	5536m	2.650	ug/L	
23) Bromochloromethane	7.525	128	3150	1.009	ug/L	96
25) Chloroform	7.677	83	13826	1.078	ug/L	99
27) 1,2-Dichloroethane	8.403	62	7913	0.954	ug/L	# 89
29) Cyclohexane	7.951	56	11031	0.874	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	9640	0.964	ug/L	97
31) Carbon tetrachloride	8.073	117	8835	1.006	ug/L	100
33) Benzene	8.329	78	32111m	1.086	ug/L	
34) Trichloroethene	9.092	95	7572	1.016	ug/L	96
35) Methylcyclohexane	9.335	83	12367	0.922	ug/L	93
37) 1,2-Dichloropropane	9.366	63	7236	0.982	ug/L	98
38) Bromodichloromethane	9.646	83	8720	0.957	ug/L	96

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39) cis-1,3-Dichloropropene	10.073	75	10112	0.949	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	8400	1.928	ug/L	99
42) Toluene	10.384	91	30355	1.001	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	5252	1.020	ug/L	92
46) Tetrachloroethane	10.866	164	5173	1.021	ug/L	86
49) Dibromochloromethane	11.128	129	5183	0.909	ug/L	92
50) 1,2-Dibromoethane	11.231	107	4624	0.953	ug/L #	95
51) Chlorobenzene	11.652	112	19330	1.014	ug/L	91
52) Ethylbenzene	11.731	91	31703	0.934	ug/L	98
53) m,p-Xylene	11.835	106	12264	0.951	ug/L	93
54) o-Xylene	12.164	106	11513	0.937	ug/L	93
55) Styrene	12.176	104	19850	0.942	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.707	83	6159	0.980	ug/L #	96
59) Bromoform	12.347	173	2600	0.935	ug/L #	98
60) Isopropylbenzene	12.463	105	30619	0.914	ug/L	97
61) 1,2,3-Trichloropropane	12.762	75	4248	0.930	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	26077	0.906	ug/L	97
63) 1,2,4-Trimethylbenzene	13.243	105	25883	0.933	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	13271	0.973	ug/L	87
65) 1,4-Dichlorobenzene	13.572	146	14032	1.016	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	12585	1.038	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1032	1.040	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.621	180	7995	0.897	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	6293	0.871	ug/L	98
71) Naphthalene	15.365	128	11720	0.748	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	5464	0.886	ug/L	98

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

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