

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024603.D
 Acq On : 12 Sep 2022 13:26
 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

Quant Time: Sep 13 02:53:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 13 02:43:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	212015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	215872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147670	33.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.960%	
7) Chloroethane-d5	2.873	69	113006	34.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 138.880%	
11) 1,1-Dichloroethene-d2	4.007	63	75832	16.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 65.680%	
21) 2-Butanone-d5	7.074	46	35865	50.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.580%	
24) Chloroform-d	7.647	84	125112	23.170	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.680%	
26) 1,2-Dichloroethane-d4	8.305	65	81427m	26.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.000%	
32) Benzene-d6	8.275	84	250208	23.563	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 94.240%	
36) 1,2-Dichloropropane-d6	9.274	67	72527	23.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 92.680%	
41) Toluene-d8	10.323	98	244039	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.280%	
43) trans-1,3-Dichloroprop...	10.579	79	30825	21.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 87.880%	
47) 2-Hexanone-d5	10.927	63	29161	50.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.340%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	70104	23.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	80274	26.396	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1167m	1.149	ug/L	
5) Vinyl chloride	2.349	62	9604m	1.804	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	4076m	1.437	ug/L	
12) 1,1-Dichloroethene	4.038	96	3396m	1.401	ug/L	
13) Acetone	4.135	43	2684m	4.467	ug/L	
14) Carbon disulfide	4.379	76	6309	0.984	ug/L #	89
16) Methylene chloride	4.909	84	12503	3.952	ug/L	97
17) trans-1,2-Dichloroethene	5.409	96	3075m	1.107	ug/L	
18) Methyl tert-butyl Ether	5.415	73	4866m	0.984	ug/L	
19) 1,1-Dichloroethane	6.208	63	5636m	1.116	ug/L	
20) cis-1,2-Dichloroethene	7.165	96	3195m	1.026	ug/L	
22) 2-Butanone	7.183	43	2557m	2.631	ug/L	
23) Bromochloromethane	7.506	128	1326	0.930	ug/L #	74
25) Chloroform	7.665	83	6706m	1.195	ug/L	
27) 1,2-Dichloroethane	8.403	62	4808	1.275	ug/L	99
29) Cyclohexane	7.951	56	3531	0.845	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	5185	1.095	ug/L #	79
31) Carbon tetrachloride	8.061	117	4322	1.000	ug/L	100
33) Benzene	8.323	78	12854	1.049	ug/L	100

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

34) Trichloroethene	9.091	95	3484	1.089	ug/L	95
35) Methylcyclohexane	9.335	83	4633	0.905	ug/L	91
37) 1,2-Dichloropropane	9.366	63	3115	1.018	ug/L #	86
38) Bromodichloromethane	9.640	83	4389	1.015	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	4117m	0.920	ug/L	
40) 4-Methyl-2-pentanone	10.207	43	4058m	2.010	ug/L	
42) Toluene	10.384	91	14190	1.051	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	2582	1.010	ug/L #	77
46) Tetrachloroethene	10.859	164	1994m	0.846	ug/L	
48) 2-Hexanone	10.969	43	3027	2.187	ug/L #	91
49) Dibromochloromethane	11.128	129	2646	0.885	ug/L	87
50) 1,2-Dibromoethane	11.231	107	2333	0.940	ug/L	73
51) Chlorobenzene	11.658	112	9808	1.051	ug/L	89
52) Ethylbenzene	11.725	91	12970	0.846	ug/L	95
53) m,p-Xylene	11.835	106	5262	0.878	ug/L	87
54) o-Xylene	12.158	106	4086	0.716	ug/L	83
55) Styrene	12.182	104	7005	0.698	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	3153	0.974	ug/L #	94
59) Bromoform	12.347	173	1432	1.026	ug/L #	85
60) Isopropylbenzene	12.463	105	10852	0.835	ug/L #	94
61) 1,2,3-Trichloropropane	12.774	75	2360	1.188	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	8467	0.784	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	8084	0.752	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	6156	1.051	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	6686	1.083	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	6394	1.171	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.475	75	595m	1.266	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	4010	1.054	ug/L	96
70) 1,2,4-trichlorobenzene	15.121	180	2983	0.988	ug/L	93
71) Naphthalene	15.365	128	4854	0.727	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	2442	0.869	ug/L	92

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

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