

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024604.D
 Acq On : 12 Sep 2022 13:50
 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. PBB

Quant Time: Sep 13 02:53:54 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	205744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	217013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	140245	33.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.080%
7) Chloroethane-d5	2.873	69	107964	34.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.720%
11) 1,1-Dichloroethene-d2	4.007	63	72138	16.096	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.400%
21) 2-Butanone-d5	7.080	46	35041	51.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.280%
24) Chloroform-d	7.647	84	118319	22.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.305	65	76639	25.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.760%
32) Benzene-d6	8.275	84	230607	21.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	9.274	67	67914	21.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.320%
41) Toluene-d8	10.323	98	226137	21.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.579	79	29346	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.240%
47) 2-Hexanone-d5	10.927	63	27694	47.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	63589	21.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	69391	22.576	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	1612m	1.636	ug/L	
5) Vinyl chloride	2.349	62	8442m	1.634	ug/L	
6) Bromomethane	2.769	94	5768m	1.713	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	3993m	1.451	ug/L	
12) 1,1-Dichloroethene	4.031	96	3240m	1.377	ug/L	
13) Acetone	4.135	43	2468m	4.233	ug/L	
14) Carbon disulfide	4.367	76	6606	1.061	ug/L #	77
17) trans-1,2-Dichloroethene	5.428	96	2863m	1.063	ug/L	
18) Methyl tert-butyl Ether	5.428	73	4631m	0.965	ug/L	
19) 1,1-Dichloroethane	6.214	63	5019	1.024	ug/L #	80
20) cis-1,2-Dichloroethene	7.165	96	3048m	1.008	ug/L	
22) 2-Butanone	7.183	43	2719m	2.883	ug/L	
23) Bromochloromethane	7.519	128	1512m	1.092	ug/L	
25) Chloroform	7.671	83	5702	1.047	ug/L	83
27) 1,2-Dichloroethane	8.403	62	4404	1.203	ug/L	99
29) Cyclohexane	7.951	56	3218	0.766	ug/L #	94
30) 1,1,1-Trichloroethane	7.878	97	4427	0.930	ug/L #	73
31) Carbon tetrachloride	8.067	117	3881	0.893	ug/L	94
33) Benzene	8.323	78	13665m	1.109	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.092	95	3166	0.984	ug/L	96
35) Methylcyclohexane	9.329	83	4519	0.878	ug/L	91
37) 1,2-Dichloropropane	9.366	63	3097	1.007	ug/L #	95
38) Bromodichloromethane	9.646	83	4048	0.931	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	4223	0.939	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	3706	1.826	ug/L	96
42) Toluene	10.390	91	12787	0.942	ug/L	91
45) 1,1,2-Trichloroethane	10.786	97	2655	1.033	ug/L	97
46) Tetrachloroethene	10.860	164	2470	1.042	ug/L	83
48) 2-Hexanone	10.963	43	3422	2.459	ug/L #	87
49) Dibromochloromethane	11.134	129	2898	0.964	ug/L	78
50) 1,2-Dibromoethane	11.237	107	2360	0.946	ug/L	94
51) Chlorobenzene	11.652	112	8656	0.923	ug/L #	82
52) Ethylbenzene	11.725	91	12448	0.807	ug/L	97
53) m,p-Xylene	11.841	106	4649	0.772	ug/L	97
54) o-Xylene	12.164	106	4070	0.710	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.707	83	3262	1.002	ug/L #	72
60) Isopropylbenzene	12.463	105	9193	0.700	ug/L	96
61) 1,2,3-Trichloropropane	12.774	75	2090	1.041	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.938	105	7688	0.705	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	6736	0.620	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	4756	0.803	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	6061	0.971	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	5876	1.064	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	701m	1.476	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	3342	0.869	ug/L	94
70) 1,2,4-trichlorobenzene	15.121	180	2277	0.746	ug/L #	83
72) 1,2,3-Trichlorobenzene	15.554	180	2307	0.813	ug/L	89

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

