

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024605.D
 Acq On : 12 Sep 2022 14:15
 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 02:54:23 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	191313	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	201703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	90751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	141003	35.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.800%	
7) Chloroethane-d5	2.873	69	109420	37.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 149.040%	
11) 1,1-Dichloroethene-d2	4.007	63	73667m	17.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 70.720%	
21) 2-Butanone-d5	7.080	46	37573	58.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.940%	
24) Chloroform-d	7.647	84	119220	24.468	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.880%	
26) 1,2-Dichloroethane-d4	8.305	65	78242	28.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.920%	
32) Benzene-d6	8.275	84	237859	23.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.880%	
36) 1,2-Dichloropropane-d6	9.268	67	68665	23.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 93.880%	
41) Toluene-d8	10.323	98	227627	23.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.120%	
43) trans-1,3-Dichloroprop...	10.573	79	30145	22.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.960%	
47) 2-Hexanone-d5	10.927	63	29432	54.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.480%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68656	24.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.960%	
66) 1,2-Dichlorobenzene-d4	13.853	152	73843	25.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1555	1.697	ug/L	96
3) Chloromethane	2.215	50	5355	1.879	ug/L	93
5) Vinyl chloride	2.349	62	9451m	1.967	ug/L	
6) Bromomethane	2.763	94	5863	1.872	ug/L	95
8) Chloroethane	2.916	64	5068	1.939	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	3589m	1.403	ug/L	
12) 1,1-Dichloroethene	4.025	96	3159m	1.444	ug/L	
13) Acetone	4.141	43	2584m	4.766	ug/L	
14) Carbon disulfide	4.373	76	6139	1.061	ug/L #	90
15) Methyl Acetate	4.690	43	1481m	1.292	ug/L	
16) Methylene chloride	4.916	84	11599m	4.063	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	2728m	1.089	ug/L	
18) Methyl tert-butyl Ether	5.415	73	4441m	0.995	ug/L	
19) 1,1-Dichloroethane	6.214	63	5042m	1.106	ug/L	
20) cis-1,2-Dichloroethene	7.165	96	3104m	1.104	ug/L	
22) 2-Butanone	7.171	43	3675m	4.191	ug/L	
23) Bromochloromethane	7.494	128	1779m	1.382	ug/L	
25) Chloroform	7.671	83	5384	1.063	ug/L	91
27) 1,2-Dichloroethane	8.397	62	4468	1.313	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.945	56	3912m	1.002	ug/L	
30) 1,1,1-Trichloroethane	7.878	97	4368	0.987	ug/L #	88
31) Carbon tetrachloride	8.067	117	4608	1.141	ug/L	94
33) Benzene	8.323	78	12702m	1.110	ug/L	
34) Trichloroethene	9.092	95	2946	0.985	ug/L	90
35) Methylcyclohexane	9.329	83	4346	0.909	ug/L	90
37) 1,2-Dichloropropane	9.366	63	3009	1.052	ug/L #	95
38) Bromodichloromethane	9.640	83	4241	1.049	ug/L	90
39) cis-1,3-Dichloropropene	10.073	75	4633m	1.108	ug/L	
40) 4-Methyl-2-pentanone	10.207	43	4223m	2.239	ug/L	
42) Toluene	10.384	91	14483	1.148	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	2729	1.142	ug/L	90
46) Tetrachloroethene	10.860	164	2366	1.074	ug/L	83
48) 2-Hexanone	10.969	43	3366	2.602	ug/L #	82
49) Dibromochloromethane	11.128	129	3008	1.077	ug/L	91
50) 1,2-Dibromoethane	11.244	107	2385	1.028	ug/L #	96
51) Chlorobenzene	11.652	112	8853	1.015	ug/L #	86
52) Ethylbenzene	11.725	91	13071	0.912	ug/L	92
53) m,p-Xylene	11.841	106	5198	0.928	ug/L	87
54) o-Xylene	12.158	106	4134	0.776	ug/L	81
55) Styrene	12.176	104	7195	0.767	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	3858	1.275	ug/L #	94
59) Bromoform	12.347	173	1331	1.009	ug/L #	85
60) Isopropylbenzene	12.463	105	10146	0.826	ug/L #	92
61) 1,2,3-Trichloropropane	12.774	75	2411	1.284	ug/L #	82
62) 1,3,5-Trimethylbenzene	12.938	105	8164	0.800	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	7639m	0.752	ug/L	
64) 1,3-Dichlorobenzene	13.493	146	5308	0.959	ug/L #	80
65) 1,4-Dichlorobenzene	13.579	146	6434	1.103	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	6163	1.194	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	744m	1.675	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	3364m	0.935	ug/L	
70) 1,2,4-trichlorobenzene	15.133	180	2513	0.881	ug/L #	91
71) Naphthalene	15.359	128	4464	0.707	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.542	180	2382	0.897	ug/L	89

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

