

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029070.D
 Acq On : 07 Jun 2024 18:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Jun 07 23:12:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	313191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89541	17.997	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.000%		
7) Chloroethane-d5	2.899	69	76968	20.145	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.600%		
11) 1,1-Dichloroethene-d2	4.021	65	43254	19.779	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.120%		
21) 2-Butanone-d5	7.075	46	66195	65.117	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	130.240%		
24) Chloroform-d	7.648	84	207721	23.248	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	8.307	65	116783	24.826	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.320%		
32) Benzene-d6	8.276	84	410184	22.544	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.160%		
36) 1,2-Dichloropropane-d6	9.270	67	130492	23.655	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.600%		
41) Toluene-d8	10.318	98	365962	22.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.160%		
43) trans-1,3-Dichloroprop...	10.575	79	51052	24.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.320%		
47) 2-Hexanone-d5	10.922	63	48854	67.108	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	134.220%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106377	27.757	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.040%		
66) 1,2-Dichlorobenzene-d4	13.848	152	118899	22.765	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56576	15.820	ug/L	91
3) Chloromethane	2.222	50	98949	22.647	ug/L	99
5) Vinyl chloride	2.375	62	104901	19.835	ug/L	99
6) Bromomethane	2.789	94	66982	21.138	ug/L	97
8) Chloroethane	2.930	64	68992	21.601	ug/L	98
9) Trichlorofluoromethane	3.265	101	81542	18.548	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85739	19.765	ug/L #	66
12) 1,1-Dichloroethene	4.051	96	87622	22.133	ug/L	92
13) Acetone	4.118	43	52444	49.229	ug/L	100
14) Carbon disulfide	4.393	76	288623	21.534	ug/L	99
15) Methyl Acetate	4.673	43	57652	32.584	ug/L #	79
16) Methylene chloride	4.923	84	109961	23.394	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	104003	24.096	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	174389	28.973	ug/L	99
19) 1,1-Dichloroethane	6.216	63	212033	24.986	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	116763	25.804	ug/L	98
22) 2-Butanone	7.167	43	76389	59.507	ug/L	99
23) Bromochloromethane	7.514	128	50610	25.622	ug/L	96
25) Chloroform	7.673	83	205094	24.884	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	149048	26.985	ug/L	99
29) Cyclohexane	7.959	56	164914	22.375	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	154353	22.473	ug/L	99
31) Carbon tetrachloride	8.069	117	136236	21.776	ug/L	100
33) Benzene	8.325	78	454569	24.661	ug/L	100
34) Trichloroethene	9.093	95	115882	23.913	ug/L	98
35) Methylcyclohexane	9.331	83	183432	22.314	ug/L	99
37) 1,2-Dichloropropane	9.367	63	122325	25.342	ug/L	100
38) Bromodichloromethane	9.642	83	147103	24.988	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	180499	25.731	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	165057	67.229	ug/L	99
42) Toluene	10.386	91	485477	25.782	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	153976	27.227	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89101	27.332	ug/L	96
46) Tetrachloroethene	10.861	164	86040	23.370	ug/L	91
48) 2-Hexanone	10.965	43	117000	63.561	ug/L	99
49) Dibromochloromethane	11.129	129	91956	26.707	ug/L	97
50) 1,2-Dibromoethane	11.233	107	83149	27.941	ug/L	96
51) Chlorobenzene	11.654	112	304761	25.195	ug/L	94
52) Ethylbenzene	11.727	91	537587	25.127	ug/L	96
53) m,p-Xylene	11.836	106	205162	25.890	ug/L	91
54) o-Xylene	12.160	106	193855	26.420	ug/L	98
55) Styrene	12.178	104	333478	26.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	110328	29.980	ug/L	98
59) Bromoform	12.349	173	51656	27.293	ug/L	99
60) Isopropylbenzene	12.458	105	520905	25.007	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81897	29.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	391973	25.873	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	433024	27.045	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	233493	26.084	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	230851	24.692	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	202549	25.246	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	17395	29.396	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	157884	25.688	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	128062	25.708	ug/L	100
71) Naphthalene	15.360	128	268421	31.626	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	115441	27.125	ug/L	99

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

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