

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029541.D
 Acq On : 12 Jul 2024 10:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Jul 12 23:14:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	273033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249060	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110610	25.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.320%	
7) Chloroethane-d5	2.899	69	83986	26.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.760%	
11) 1,1-Dichloroethene-d2	4.021	65	53002	26.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.040%	
21) 2-Butanone-d5	7.081	46	52669	39.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.560%	
24) Chloroform-d	7.648	84	224003	28.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.520%	
26) 1,2-Dichloroethane-d4	8.307	65	121630	26.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.080%	
32) Benzene-d6	8.276	84	433103	29.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 116.120%	
36) 1,2-Dichloropropane-d6	9.270	67	137471	28.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.280%	
41) Toluene-d8	10.319	98	385165	29.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.400%	
43) trans-1,3-Dichloroprop...	10.575	79	51744	25.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.440%	
47) 2-Hexanone-d5	10.922	63	37585	43.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.720%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93218	24.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.280%	
66) 1,2-Dichlorobenzene-d4	13.855	152	117815	27.714	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	55624	20.805	ug/L	# 87
3) Chloromethane	2.223	50	79593	22.250	ug/L	95
5) Vinyl chloride	2.375	62	103151	25.268	ug/L	95
6) Bromomethane	2.789	94	59641	24.675	ug/L	91
8) Chloroethane	2.936	64	65106	25.919	ug/L	100
9) Trichlorofluoromethane	3.271	101	95167	25.898	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93953	25.980	ug/L	99
12) 1,1-Dichloroethene	4.045	96	91538	26.959	ug/L	96
13) Acetone	4.131	43	56365	42.178	ug/L	98
14) Carbon disulfide	4.387	76	281587	25.537	ug/L	100
15) Methyl Acetate	4.673	43	45748	19.498	ug/L	# 83
16) Methylene chloride	4.917	84	115010	23.528	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	97272	25.878	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	154118	24.099	ug/L	99
19) 1,1-Dichloroethane	6.222	63	206449	26.745	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	108626	26.428	ug/L	95
22) 2-Butanone	7.173	43	66941	38.157	ug/L	99
23) Bromochloromethane	7.514	128	45625	24.678	ug/L	93
25) Chloroform	7.673	83	202258	27.080	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138875	24.790	ug/L	98
29) Cyclohexane	7.959	56	170290	27.458	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	161748	28.439	ug/L	100
31) Carbon tetrachloride	8.069	117	144706	27.782	ug/L	100
33) Benzene	8.325	78	440796	28.287	ug/L	100
34) Trichloroethene	9.093	95	112838	27.421	ug/L	95
35) Methylcyclohexane	9.331	83	188325	28.472	ug/L	98
37) 1,2-Dichloropropane	9.368	63	118486	27.497	ug/L	100
38) Bromodichloromethane	9.642	83	141955	26.970	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	175763	27.157	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129832	42.751	ug/L	99
42) Toluene	10.386	91	460099	28.861	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	143937	25.947	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	75993	24.521	ug/L	98
46) Tetrachloroethene	10.861	164	81974	28.039	ug/L	93
48) 2-Hexanone	10.965	43	101417	44.451	ug/L	98
49) Dibromochloromethane	11.129	129	81184	25.172	ug/L	95
50) 1,2-Dibromoethane	11.233	107	67550	22.873	ug/L	99
51) Chlorobenzene	11.654	112	278788	27.052	ug/L	96
52) Ethylbenzene	11.727	91	514923	28.510	ug/L	100
53) m,p-Xylene	11.837	106	191852	28.935	ug/L	97
54) o-Xylene	12.166	106	180149	29.376	ug/L	96
55) Styrene	12.178	104	311886	28.923	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	87509	22.386	ug/L #	95
59) Bromoform	12.343	173	43994	23.348	ug/L	98
60) Isopropylbenzene	12.458	105	506330	29.480	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65068	22.025	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	384189	31.446	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	403698	29.939	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	208713	27.110	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	204860	25.974	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	181303	26.052	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13435	19.023	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	136467	27.172	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	104495	23.646	ug/L	94
71) Naphthalene	15.360	128	195070	21.031	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95621	23.816	ug/L	98

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

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