

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031124\
 Data File : VW028143.D
 Acq On : 11 Mar 2024 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Mar 12 01:05:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 22:41:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76620	24.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
7) Chloroethane-d5	2.905	69	46958	19.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
11) 1,1-Dichloroethene-d2	4.021	65	31117	24.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.240%
21) 2-Butanone-d5	7.075	46	22683	51.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.560%
24) Chloroform-d	7.648	84	148189	27.196	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	8.307	65	68378	26.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.840%
32) Benzene-d6	8.276	84	286301	26.220	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.880%
36) 1,2-Dichloropropane-d6	9.276	67	75187	26.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.600%
41) Toluene-d8	10.325	98	273394	26.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.280%
43) trans-1,3-Dichloroprop...	10.575	79	33381	27.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.000%
47) 2-Hexanone-d5	10.922	63	21031	52.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58528	26.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	99402	27.149	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	60615	23.062	ug/L	99
3) Chloromethane	2.223	50	57741	23.105	ug/L	99
5) Vinyl chloride	2.375	62	94791	27.219	ug/L	99
6) Bromomethane	2.789	94	63089	22.707	ug/L	97
8) Chloroethane	2.942	64	47617	21.772	ug/L	98
9) Trichlorofluoromethane	3.277	101	81942	25.226	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87889	26.025	ug/L	90
12) 1,1-Dichloroethene	4.045	96	82462	25.785	ug/L	95
13) Acetone	4.125	43	27145	44.330	ug/L	99
14) Carbon disulfide	4.387	76	244967	25.146	ug/L	99
15) Methyl Acetate	4.667	43	20705	23.923	ug/L	99
16) Methylene chloride	4.917	84	83251	23.525	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	88081	25.776	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	103466	24.723	ug/L	98
19) 1,1-Dichloroethane	6.222	63	141189	26.130	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	93192	25.913	ug/L	99
22) 2-Butanone	7.167	43	31551	46.136	ug/L	98
23) Bromochloromethane	7.508	128	42972	25.453	ug/L	94
25) Chloroform	7.673	83	161457	26.753	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94233	26.258	ug/L	98
29) Cyclohexane	7.959	56	118553	26.357	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	139662	26.743	ug/L	99
31) Carbon tetrachloride	8.069	117	135246	27.732	ug/L	99
33) Benzene	8.325	78	332056	26.278	ug/L	100
34) Trichloroethene	9.093	95	95413	25.770	ug/L	94
35) Methylcyclohexane	9.331	83	161267	26.912	ug/L	99
37) 1,2-Dichloropropane	9.368	63	77228	26.244	ug/L	100
38) Bromodichloromethane	9.642	83	112837	26.547	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	129157	26.690	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	57942	49.574	ug/L	98
42) Toluene	10.386	91	378882	26.535	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	105822	26.919	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	62225	25.213	ug/L	98
46) Tetrachloroethene	10.861	164	78379	25.258	ug/L	97
48) 2-Hexanone	10.965	43	45196	47.824	ug/L	99
49) Dibromochloromethane	11.123	129	73782	25.717	ug/L	94
50) 1,2-Dibromoethane	11.233	107	59875	25.189	ug/L	99
51) Chlorobenzene	11.654	112	246732	25.898	ug/L	93
52) Ethylbenzene	11.727	91	424872	26.027	ug/L	99
53) m,p-Xylene	11.837	106	171037	27.004	ug/L	100
54) o-Xylene	12.160	106	156064	26.036	ug/L	95
55) Styrene	12.178	104	269270	26.340	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	64304	24.165	ug/L	98
59) Bromoform	12.343	173	43468	24.906	ug/L	98
60) Isopropylbenzene	12.458	105	453279	26.838	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	45505	24.045	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	295910	26.723	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	362224	27.431	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	202874	25.991	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	205024	26.017	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	181752	25.850	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	10028	25.229	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	144445	25.076	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	119219	25.772	ug/L	93
71) Naphthalene	15.360	128	191224	25.275	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99098	25.617	ug/L	99

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

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