

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041224\
 Data File : VW028434.D
 Acq On : 12 Apr 2024 16:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Apr 12 23:16:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 23:09:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328534	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95983	18.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
7) Chloroethane-d5	2.905	69	79406	19.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.027	65	42769	19.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.720%
21) 2-Butanone-d5	7.075	46	56097	56.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.840%
24) Chloroform-d	7.648	84	191852	22.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	8.307	65	111020	24.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.270	84	361900	21.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.276	67	111481	22.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.325	98	327667	21.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.575	79	46230	23.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.840%
47) 2-Hexanone-d5	10.922	63	40158	59.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91600	26.479	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	108475	23.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	82950	18.772	ug/L	95
3) Chloromethane	2.229	50	104421	20.128	ug/L	99
5) Vinyl chloride	2.381	62	121043	19.592	ug/L	97
6) Bromomethane	2.796	94	76074	19.708	ug/L	98
8) Chloroethane	2.936	64	75046	20.150	ug/L	96
9) Trichlorofluoromethane	3.277	101	93073	18.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	90882	19.600	ug/L	96
12) 1,1-Dichloroethene	4.051	96	86799	19.936	ug/L	88
13) Acetone	4.119	43	49138	40.605	ug/L	97
14) Carbon disulfide	4.393	76	275823	19.242	ug/L	99
15) Methyl Acetate	4.673	43	49703	25.526	ug/L	98
16) Methylene chloride	4.923	84	97605	19.634	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	94281	20.558	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	161596	25.049	ug/L	99
19) 1,1-Dichloroethane	6.222	63	191067	21.383	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	106253	21.829	ug/L	97
22) 2-Butanone	7.173	43	65042	44.288	ug/L	100
23) Bromochloromethane	7.520	128	46174	22.023	ug/L	97
25) Chloroform	7.679	83	193579	22.054	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	141335	23.329	ug/L	99
29) Cyclohexane	7.959	56	163303	20.475	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	153675	20.985	ug/L	98
31) Carbon tetrachloride	8.069	117	131072	20.184	ug/L	97
33) Benzene	8.325	78	403249	21.360	ug/L	100
34) Trichloroethene	9.093	95	106104	20.739	ug/L	96
35) Methylcyclohexane	9.337	83	173642	19.889	ug/L	99
37) 1,2-Dichloropropane	9.368	63	108490	22.049	ug/L	100
38) Bromodichloromethane	9.642	83	135773	22.262	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	165009	22.868	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	140739	57.137	ug/L	99
42) Toluene	10.386	91	432491	21.624	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135815	23.267	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	78626	23.619	ug/L	94
46) Tetrachloroethene	10.861	164	75992	19.885	ug/L	93
48) 2-Hexanone	10.965	43	98065	50.156	ug/L	98
49) Dibromochloromethane	11.123	129	83640	23.507	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72086	23.725	ug/L	94
51) Chlorobenzene	11.654	112	262074	21.081	ug/L	99
52) Ethylbenzene	11.727	91	489954	21.611	ug/L	99
53) m,p-Xylene	11.837	106	180762	21.440	ug/L	92
54) o-Xylene	12.160	106	171266	21.816	ug/L	98
55) Styrene	12.178	104	296507	22.192	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	92420	24.532	ug/L	97
59) Bromoform	12.349	173	46636	24.295	ug/L	99
60) Isopropylbenzene	12.458	105	480673	22.048	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69459	26.125	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	309418	22.268	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	391220	23.395	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	205429	22.208	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	204951	21.780	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	184179	22.635	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15103	24.790	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	138608	21.775	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	114275	22.989	ug/L	93
71) Naphthalene	15.360	128	246151	27.980	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103807	23.534	ug/L	98

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

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