

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027813.D
 Acq On : 20 Dec 2023 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 3.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Dec 20 23:17:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	332258	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88597	16.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
7) Chloroethane-d5	2.899	69	74413	18.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.760%
11) 1,1-Dichloroethene-d2	4.027	65	37954	18.038	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	7.087	46	31741	35.479	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.960%
24) Chloroform-d	7.648	84	185975	21.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	8.307	65	83561	20.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.640%
32) Benzene-d6	8.276	84	393646	20.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.080%
36) 1,2-Dichloropropane-d6	9.276	67	108618	19.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.960%
41) Toluene-d8	10.325	98	366631	20.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.574	79	42023	19.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.920%
47) 2-Hexanone-d5	10.922	63	32908	41.048	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80588	19.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	127027	21.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	87512	20.268	ug/L	98
3) Chloromethane	2.222	50	99939	19.651	ug/L	95
5) Vinyl chloride	2.375	62	122373	20.226	ug/L	99
6) Bromomethane	2.789	94	83755	21.748	ug/L	99
8) Chloroethane	2.936	64	72596	20.068	ug/L	100
9) Trichlorofluoromethane	3.271	101	116410	21.303	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99456	21.425	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98371	21.648	ug/L	96
13) Acetone	4.149	43	28074	34.569	ug/L	93
14) Carbon disulfide	4.393	76	311667	20.416	ug/L	99
15) Methyl Acetate	4.685	43	26528	18.080	ug/L	98
16) Methylene chloride	4.917	84	109025	18.744	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	105440	21.944	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	138949	21.872	ug/L	98
19) 1,1-Dichloroethane	6.215	63	178588	21.856	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	115816	22.897	ug/L	96
22) 2-Butanone	7.185	43	35862	33.253	ug/L	96
23) Bromochloromethane	7.514	128	49507	23.179	ug/L	96
25) Chloroform	7.679	83	185816	23.091	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103441	21.925	ug/L	98
29) Cyclohexane	7.959	56	154881	19.702	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	153954	22.182	ug/L	99
31) Carbon tetrachloride	8.069	117	136871	22.409	ug/L	99
33) Benzene	8.325	78	426023	22.119	ug/L	100
34) Trichloroethene	9.093	95	115249	21.951	ug/L	96
35) Methylcyclohexane	9.337	83	198001	20.910	ug/L	96
37) 1,2-Dichloropropane	9.367	63	98549	21.196	ug/L	99
38) Bromodichloromethane	9.642	83	126425	22.371	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	155062	21.881	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	72774	35.812	ug/L	98
42) Toluene	10.385	91	468889	22.625	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119567	21.426	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	72024	20.924	ug/L	100
46) Tetrachloroethene	10.861	164	88941	21.215	ug/L	96
48) 2-Hexanone	10.971	43	53088	35.099	ug/L	99
49) Dibromochloromethane	11.129	129	80873	22.463	ug/L	100
50) 1,2-Dibromoethane	11.233	107	68776	21.024	ug/L	90
51) Chlorobenzene	11.660	112	301000	22.733	ug/L	89
52) Ethylbenzene	11.727	91	524611	22.465	ug/L	95
53) m,p-Xylene	11.836	106	204971	22.851	ug/L	93
54) o-Xylene	12.166	106	190797	22.843	ug/L	98
55) Styrene	12.178	104	324868	23.072	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	76701	19.547	ug/L #	99
59) Bromoform	12.349	173	44856	21.973	ug/L	97
60) Isopropylbenzene	12.458	105	533981	22.687	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53879	19.384	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	432006	22.960	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	420446	22.701	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	234672	23.073	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	227592	22.277	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	203705	23.032	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	10507	18.922	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	162699	22.990	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	127879	22.003	ug/L	89
71) Naphthalene	15.360	128	219396	21.303	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	109956	22.628	ug/L	100

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

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