

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050223\
 Data File : VW025788.D
 Acq On : 02 May 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: May 03 01:17:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:41:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	608932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	526381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	261141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	261066	30.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.000%
7) Chloroethane-d5	2.899	69	187284	29.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.120%
11) 1,1-Dichloroethene-d2	4.021	65	121302	28.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.280%#
21) 2-Butanone-d5	7.075	46	127627	44.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.480%
24) Chloroform-d	7.648	84	465547	26.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.040%
26) 1,2-Dichloroethane-d4	8.301	65	251594	25.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.276	84	963501	28.013	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.040%
36) 1,2-Dichloropropane-d6	9.276	67	296744	26.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.880%
41) Toluene-d8	10.325	98	862929	28.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.560%
43) trans-1,3-Dichloroprop...	10.575	79	115341	25.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.440%
47) 2-Hexanone-d5	10.922	63	91308	48.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	207808	24.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	251548	26.424	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	194587	28.603	ug/L	96
3) Chloromethane	2.222	50	267229	26.641	ug/L	100
5) Vinyl chloride	2.375	62	292692	28.191	ug/L	98
6) Bromomethane	2.789	94	148200	26.244	ug/L	97
8) Chloroethane	2.936	64	161215	27.308	ug/L	99
9) Trichlorofluoromethane	3.265	101	210412	26.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	229547	26.938	ug/L	95
12) 1,1-Dichloroethene	4.039	96	217364	26.690	ug/L	91
13) Acetone	4.124	43	117624	46.502	ug/L	97
14) Carbon disulfide	4.393	76	744585	27.036	ug/L	99
15) Methyl Acetate	4.673	43	114588	22.988	ug/L	99
16) Methylene chloride	4.917	84	235225	18.731	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	228126	25.677	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	319016	23.659	ug/L	99
19) 1,1-Dichloroethane	6.216	63	464443	25.444	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	238594	25.032	ug/L	96
22) 2-Butanone	7.167	43	160398	45.924	ug/L	99
23) Bromochloromethane	7.514	128	98614	24.422	ug/L	97
25) Chloroform	7.673	83	426248	25.407	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292228	24.527	ug/L	99
29) Cyclohexane	7.959	56	454066	27.836	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	347977	27.031	ug/L	99
31) Carbon tetrachloride	8.069	117	310661	26.816	ug/L	100
33) Benzene	8.325	78	972638	26.708	ug/L	100
34) Trichloroethene	9.093	95	245659	26.288	ug/L	96
35) Methylcyclohexane	9.337	83	454304	27.333	ug/L	99
37) 1,2-Dichloropropane	9.367	63	260913	26.150	ug/L	99
38) Bromodichloromethane	9.642	83	295466	25.812	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	384501	26.278	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	317382	48.870	ug/L	99
42) Toluene	10.386	91	1019232	27.391	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	313424	25.852	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	169242	25.357	ug/L	97
46) Tetrachloroethene	10.861	164	174859	26.597	ug/L	97
48) 2-Hexanone	10.965	43	234440	50.390	ug/L	98
49) Dibromochloromethane	11.129	129	178792	25.875	ug/L	94
50) 1,2-Dibromoethane	11.233	107	156988	25.515	ug/L	94
51) Chlorobenzene	11.654	112	607948	26.373	ug/L	98
52) Ethylbenzene	11.727	91	1144600	27.345	ug/L	99
53) m,p-Xylene	11.836	106	419137	27.207	ug/L	97
54) o-Xylene	12.166	106	394623	27.177	ug/L	91
55) Styrene	12.178	104	683284	27.493	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	204884	24.602	ug/L	95
59) Bromoform	12.349	173	93814	24.254	ug/L	97
60) Isopropylbenzene	12.458	105	1079999	27.208	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147754	23.941	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	888704	28.267	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807002	27.815	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	443458	25.952	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	454896	26.350	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	394095	25.860	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31909	22.296	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	282191	24.878	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	234581	24.686	ug/L	98
71) Naphthalene	15.360	128	427066	23.811	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209828	24.886	ug/L	99

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

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