

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025775.D
 Acq On : 01 May 2023 12:51
 Operator : SY/MD
 Sample : VSTD05054
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050454

Quant Time: May 02 01:07:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	692251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	625958	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	308849	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	481980	49.133	ug/L	0.00
7) Chloroethane-d5	2.899	69	351722	48.363	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	232988	47.432	ug/L	0.00
21) 2-Butanone-d5	7.075	46	291098	89.763	ug/L	0.00
24) Chloroform-d	7.648	84	915165	45.847	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	497812	44.103	ug/L	0.00
32) Benzene-d6	8.276	84	1877540	45.904	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	593072	45.319	ug/L	0.00
41) Toluene-d8	10.325	98	1708277	46.837	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	242015	45.623	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	210275	94.230	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	436780	43.790	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	512735	45.541	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	351397	46.366	ug/L	96
3) Chloromethane	2.228	50	548219	48.076	ug/L	99
5) Vinyl chloride	2.375	62	556913	47.184	ug/L	98
6) Bromomethane	2.789	94	296155	46.133	ug/L	97
8) Chloroethane	2.930	64	314814	46.907	ug/L	100
9) Trichlorofluoromethane	3.265	101	431678	48.462	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	453626	46.826	ug/L	98
12) 1,1-Dichloroethene	4.045	96	431138	46.568	ug/L	90
13) Acetone	4.118	43	234868	81.678	ug/L	98
14) Carbon disulfide	4.393	76	1436839	45.892	ug/L	100
15) Methyl Acetate	4.667	43	251856	44.445	ug/L	99
16) Methylene chloride	4.923	84	512183	35.876	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	467225	46.260	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	711459	46.412	ug/L	99
19) 1,1-Dichloroethane	6.222	63	953816	45.965	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	508005	46.883	ug/L	97
22) 2-Butanone	7.167	43	355310	89.486	ug/L	99
23) Bromochloromethane	7.514	128	206131	44.904	ug/L	96
25) Chloroform	7.679	83	878253	46.049	ug/L	99
27) 1,2-Dichloroethane	8.398	62	608915	44.956	ug/L	100
29) Cyclohexane	7.959	56	936220	48.264	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	698287	45.614	ug/L	100
31) Carbon tetrachloride	8.069	117	634707	46.071	ug/L	99
33) Benzene	8.325	78	1983864	45.809	ug/L	100
34) Trichloroethene	9.087	95	503275	45.288	ug/L	96
35) Methylcyclohexane	9.337	83	936446	47.379	ug/L	99
37) 1,2-Dichloropropane	9.367	63	537945	45.339	ug/L	99
38) Bromodichloromethane	9.642	83	630252	46.300	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	834860	47.981	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	724569	93.819	ug/L	100
42) Toluene	10.386	91	2077509	46.949	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	697580	48.384	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	356990	44.978	ug/L	96
46) Tetrachloroethene	10.861	164	356414	45.588	ug/L	96
48) 2-Hexanone	10.965	43	520968	92.593	ug/L	99
49) Dibromochloromethane	11.129	129	379036	46.128	ug/L	95
50) 1,2-Dibromoethane	11.233	107	333053	45.519	ug/L	95
51) Chlorobenzene	11.654	112	1254193	45.752	ug/L	100
52) Ethylbenzene	11.727	91	2346415	47.139	ug/L	99
53) m,p-Xylene	11.837	106	871281	47.559	ug/L	93
54) o-Xylene	12.160	106	830823	48.115	ug/L	98
55) Styrene	12.178	104	1415118	47.881	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	439706	44.400	ug/L	99
59) Bromoform	12.349	173	215723	47.156	ug/L	100
60) Isopropylbenzene	12.458	105	2300302	48.998	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	327617	44.884	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1881046	50.588	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1739277	50.688	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	940150	46.520	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	932958	45.694	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	835373	46.349	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	72580	42.881	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	619321	46.166	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	520002	46.269	ug/L	97
71) Naphthalene	15.360	128	1068696	50.381	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	448238	44.950	ug/L	97

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

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