

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025774.D
 Acq On : 01 May 2023 12:27
 Operator : SY/MD
 Sample : VSTD02553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025453

Quant Time: May 02 01:07:08 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	625160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556993	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	282099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	259199	29.258	ug/L	0.00
7) Chloroethane-d5	2.899	69	184773	28.133	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	121553	27.402	ug/L	0.00
21) 2-Butanone-d5	7.081	46	156757	53.525	ug/L	0.00
24) Chloroform-d	7.648	84	476172	26.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	266163	26.111	ug/L	0.00
32) Benzene-d6	8.276	84	983192	27.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	305799	26.261	ug/L	0.00
41) Toluene-d8	10.325	98	875161	26.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	125145	26.513	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	113321	57.070	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237287	26.735	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	267617	26.023	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	182669	26.690	ug/L	100
3) Chloromethane	2.223	50	280450	27.233	ug/L	100
5) Vinyl chloride	2.375	62	283827	26.628	ug/L	100
6) Bromomethane	2.789	94	153052	26.400	ug/L	100
8) Chloroethane	2.936	64	161487	26.644	ug/L	100
9) Trichlorofluoromethane	3.271	101	217115	26.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	235521	26.921	ug/L	100
12) 1,1-Dichloroethene	4.051	96	218903	26.182	ug/L	100
13) Acetone	4.119	43	131379	50.592	ug/L	100
14) Carbon disulfide	4.399	76	741916	26.239	ug/L	100
15) Methyl Acetate	4.667	43	137267	26.823	ug/L	100
16) Methylene chloride	4.923	84	274746	21.310	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	236038	25.878	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	366801	26.496	ug/L	100
19) 1,1-Dichloroethane	6.216	63	484453	25.852	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	255107	26.070	ug/L	100
22) 2-Butanone	7.173	43	191053	53.281	ug/L	100
23) Bromochloromethane	7.514	128	105254	25.390	ug/L	100
25) Chloroform	7.679	83	446119	25.902	ug/L	100
27) 1,2-Dichloroethane	8.398	62	319252	26.100	ug/L	100
29) Cyclohexane	7.959	56	471162	27.297	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	359742	26.409	ug/L	100
31) Carbon tetrachloride	8.069	117	324344	26.458	ug/L	100
33) Benzene	8.325	78	1020130	26.472	ug/L	100
34) Trichloroethene	9.093	95	259502	26.243	ug/L	100
35) Methylcyclohexane	9.337	83	471772	26.824	ug/L	100
37) 1,2-Dichloropropane	9.368	63	276990	26.236	ug/L	100
38) Bromodichloromethane	9.642	83	313520	25.884	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	412085	26.616	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	382972	55.728	ug/L	100
42) Toluene	10.386	91	1058414	26.880	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	346899	27.040	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	184785	26.164	ug/L	100
46) Tetrachloroethene	10.861	164	183556	26.385	ug/L	100
48) 2-Hexanone	10.965	43	282130	56.352	ug/L	100
49) Dibromochloromethane	11.123	129	193309	26.438	ug/L	100
50) 1,2-Dibromoethane	11.233	107	172937	26.562	ug/L	100
51) Chlorobenzene	11.654	112	625624	25.648	ug/L	100
52) Ethylbenzene	11.727	91	1195546	26.992	ug/L	100
53) m,p-Xylene	11.837	106	440701	27.034	ug/L	100
54) o-Xylene	12.166	106	414358	26.968	ug/L	100
55) Styrene	12.178	104	721383	27.430	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	231697	26.292	ug/L	100
59) Bromoform	12.349	173	109248	26.145	ug/L	100
60) Isopropylbenzene	12.465	105	1156729	26.976	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	173805	26.069	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	943833	27.790	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	871585	27.810	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	484106	26.226	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	488228	26.179	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	432412	26.267	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.483	75	38309	24.780	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	313416	25.578	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	267470	26.056	ug/L	100
71) Naphthalene	15.360	128	531795	27.448	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	236665	25.984	ug/L	100

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

