

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026081.D
 Acq On : 30 May 2023 10:35
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100461

Quant Time: May 31 01:28:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	821567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	737022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	347265	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1256619	108.726	ug/L	0.00
7) Chloroethane-d5	2.887	69	882973	102.056	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.021	65	608255	106.730	ug/L	0.00
21) 2-Butanone-d5	7.075	46	757236	225.042	ug/L	0.00
24) Chloroform-d	7.648	84	2329095	96.809	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	1272684	96.741	ug/L	0.00
32) Benzene-d6	8.270	84	4761157	96.004	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1534614	97.674	ug/L	0.00
41) Toluene-d8	10.318	98	4260549	96.873	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	636951	102.304	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	576579	232.737	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1125694	98.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1290611	97.098	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	1036889	105.027	ug/L	92
3) Chloromethane	2.228	50	1393818	107.933	ug/L	97
5) Vinyl chloride	2.375	62	1383764	100.246	ug/L	99
6) Bromomethane	2.783	94	729821	96.985	ug/L	96
8) Chloroethane	2.929	64	688072	92.243	ug/L	97
9) Trichlorofluoromethane	3.265	101	992224	111.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	1055125	97.407	ug/L	98
12) 1,1-Dichloroethene	4.045	96	1033581	98.810	ug/L	90
13) Acetone	4.118	43	485814	186.591	ug/L	99
14) Carbon disulfide	4.393	76	3532188	95.655	ug/L	100
15) Methyl Acetate	4.667	43	597342	102.224	ug/L	99
16) Methylene chloride	4.917	84	1088971	83.046	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1116045	95.095	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	1815722	98.163	ug/L	100
19) 1,1-Dichloroethane	6.215	63	2243762	93.909	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	1192287	95.908	ug/L	95
22) 2-Butanone	7.166	43	781185	210.526	ug/L	100
23) Bromochloromethane	7.514	128	491640	92.732	ug/L	95
25) Chloroform	7.672	83	2023087	90.909	ug/L	99
27) 1,2-Dichloroethane	8.398	62	1422329	92.670	ug/L	98
29) Cyclohexane	7.959	56	2224147	97.747	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1653748	92.462	ug/L	100
31) Carbon tetrachloride	8.069	117	1485912	91.041	ug/L	98
33) Benzene	8.325	78	4564443	90.406	ug/L	100
34) Trichloroethene	9.093	95	1199824	92.807	ug/L	94
35) Methylcyclohexane	9.337	83	2218634	96.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	1254676	91.749	ug/L	99
38) Bromodichloromethane	9.642	83	1503460	94.632	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	2014109	100.224	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1722609	213.661	ug/L	98
42) Toluene	10.385	91	4725521	91.508	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	1690146	100.952	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	833671	92.500	ug/L	99
46) Tetrachloroethene	10.861	164	829093	90.668	ug/L	92
48) 2-Hexanone	10.965	43	1192541	209.780	ug/L	99
49) Dibromochloromethane	11.129	129	930499	98.472	ug/L	93
50) 1,2-Dibromoethane	11.233	107	802156	96.124	ug/L	94
51) Chlorobenzene	11.653	112	2930394	90.556	ug/L	99
52) Ethylbenzene	11.727	91	5443418	93.444	ug/L	98
53) m,p-Xylene	11.836	106	2044959	94.364	ug/L	100
54) o-Xylene	12.166	106	1938402	94.769	ug/L	99
55) Styrene	12.178	104	3339012	95.154	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	1013879	92.955	ug/L	95
59) Bromoform	12.348	173	535198	102.610	ug/L	100
60) Isopropylbenzene	12.464	105	5206628	95.442	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	740353	95.178	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4364596	100.643	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	3890215	97.941	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	2094099	91.296	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	2113039	91.501	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	1921545	93.290	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	183131	101.615	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	1441691	91.499	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	1219585	93.804	ug/L	95
71) Naphthalene	15.360	128	2491419	107.518	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	1052274	92.608	ug/L	98

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

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