

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026080.D
 Acq On : 30 May 2023 10:11
 Operator : SY/MD
 Sample : VSTD05060
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050460

Quant Time: May 31 01:27:27 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	824898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	726246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	340943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	666733	57.454	ug/L	0.00
7) Chloroethane-d5	2.893	69	512737	59.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	284497	49.719	ug/L	0.00
21) 2-Butanone-d5	7.075	46	344091	101.847	ug/L	0.00
24) Chloroform-d	7.648	84	1256298	52.007	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	659503	49.929	ug/L	0.00
32) Benzene-d6	8.276	84	2574253	52.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	798923	51.604	ug/L	0.00
41) Toluene-d8	10.318	98	2269555	52.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	314062	51.192	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	257694	105.562	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	540863	48.008	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	661154	50.664	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	518893	52.347	ug/L	97
3) Chloromethane	2.228	50	697147	53.767	ug/L	97
5) Vinyl chloride	2.375	62	732672	52.864	ug/L	97
6) Bromomethane	2.783	94	402787	53.310	ug/L	98
8) Chloroethane	2.930	64	392780	52.444	ug/L	99
9) Trichlorofluoromethane	3.265	101	431487	48.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	505807	46.506	ug/L	99
12) 1,1-Dichloroethene	4.045	96	491214	46.770	ug/L	88
13) Acetone	4.118	43	198416	75.900	ug/L	98
14) Carbon disulfide	4.387	76	1712423	46.187	ug/L	100
15) Methyl Acetate	4.667	43	250163	42.638	ug/L	100
16) Methylene chloride	4.917	84	575202	43.689	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	581678	49.363	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	928059	49.971	ug/L	100
19) 1,1-Dichloroethane	6.216	63	1184002	49.354	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	628801	50.377	ug/L	99
22) 2-Butanone	7.167	43	361519	97.035	ug/L	99
23) Bromochloromethane	7.514	128	257351	48.345	ug/L	97
25) Chloroform	7.673	83	1085541	48.583	ug/L	100
27) 1,2-Dichloroethane	8.398	62	731362	47.458	ug/L	98
29) Cyclohexane	7.959	56	1183652	52.791	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	867734	49.236	ug/L	99
31) Carbon tetrachloride	8.069	117	793674	49.350	ug/L	99
33) Benzene	8.319	78	2427983	48.804	ug/L	100
34) Trichloroethene	9.087	95	625416	49.094	ug/L	98
35) Methylcyclohexane	9.337	83	1182481	52.457	ug/L	98
37) 1,2-Dichloropropane	9.367	63	651217	48.327	ug/L	100
38) Bromodichloromethane	9.642	83	771356	49.272	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	1021438	51.582	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	784707	98.774	ug/L	99
42) Toluene	10.386	91	2525826	49.637	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	840086	50.923	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	413663	46.579	ug/L	97
46) Tetrachloroethene	10.861	164	444622	49.344	ug/L	95
48) 2-Hexanone	10.965	43	542261	96.805	ug/L	99
49) Dibromochloromethane	11.129	129	459498	49.349	ug/L	95
50) 1,2-Dibromoethane	11.233	107	396235	48.186	ug/L	99
51) Chlorobenzene	11.654	112	1511283	47.395	ug/L	98
52) Ethylbenzene	11.727	91	2889202	50.333	ug/L	98
53) m,p-Xylene	11.836	106	1086202	50.866	ug/L	95
54) o-Xylene	12.166	106	1025308	50.871	ug/L	94
55) Styrene	12.178	104	1738538	50.279	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	496677	46.212	ug/L	96
59) Bromoform	12.349	173	247002	48.234	ug/L	98
60) Isopropylbenzene	12.458	105	2800407	52.286	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	358938	47.000	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2295809	53.921	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2089073	53.570	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1122534	49.847	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	1086398	47.917	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	973815	48.155	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	81916	46.296	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	772215	49.919	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	624241	48.904	ug/L	95
71) Naphthalene	15.360	128	1141614	50.180	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	515142	46.177	ug/L	98

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

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