

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025350.D
 Acq On : 22 Feb 2023 10:09
 Operator : SY/MD
 Sample : VSTD05028
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050428

Quant Time: Feb 22 20:59:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	338994	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299280	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	146488	51.043	ug/L	0.00
7) Chloroethane-d5	2.899	69	109987	52.787	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	377377	50.660	ug/L	0.00
21) 2-Butanone-d5	7.075	46	75522	115.798	ug/L	0.00
24) Chloroform-d	7.648	84	335565	51.603	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	178510	52.917	ug/L	0.00
32) Benzene-d6	8.276	84	656103	51.731	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	182408	51.251	ug/L	0.00
41) Toluene-d8	10.325	98	624816	52.843	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	88324	54.472	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	63830	122.948	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146066	54.820	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	197667	59.440	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	201898	49.916	ug/L	# 82
3) Chloromethane	2.229	50	193821	50.661	ug/L	100
5) Vinyl chloride	2.375	62	224264	50.431	ug/L	97
6) Bromomethane	2.789	94	140998	49.936	ug/L	98
8) Chloroethane	2.936	64	128167	49.258	ug/L	96
9) Trichlorofluoromethane	3.271	101	277029	51.340	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	221301	48.756	ug/L	97
12) 1,1-Dichloroethene	4.045	96	215271	49.284	ug/L	89
13) Acetone	4.118	43	120224	111.474	ug/L	99
14) Carbon disulfide	4.387	76	711962	49.971	ug/L	100
15) Methyl Acetate	4.673	43	88621	51.672	ug/L	97
16) Methylene chloride	4.923	84	211686	44.161	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	226048	49.366	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	341433	52.794	ug/L	99
19) 1,1-Dichloroethane	6.222	63	404256	49.130	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	241261	50.144	ug/L	98
22) 2-Butanone	7.167	43	139850	112.889	ug/L	98
23) Bromochloromethane	7.514	128	103292	50.309	ug/L	93
25) Chloroform	7.679	83	417217	49.272	ug/L	99
27) 1,2-Dichloroethane	8.404	62	287741	50.378	ug/L	98
29) Cyclohexane	7.959	56	389466	51.696	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	385903	49.777	ug/L	98
31) Carbon tetrachloride	8.069	117	361317	49.516	ug/L	99
33) Benzene	8.325	78	900218	49.194	ug/L	100
34) Trichloroethene	9.093	95	251655	49.243	ug/L	95
35) Methylcyclohexane	9.337	83	454714	50.773	ug/L	100
37) 1,2-Dichloropropane	9.368	63	219452	49.577	ug/L	100
38) Bromodichloromethane	9.648	83	300820	50.102	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	379805	52.444	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	252332	112.055	ug/L	99
42) Toluene	10.386	91	985382	50.018	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	328375	53.939	ug/L	97

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45) 1,1,2-Trichloroethane	10.788	97	169608	51.372	ug/L	97
46) Tetrachloroethene	10.861	164	189498	49.104	ug/L	98
48) 2-Hexanone	10.965	43	196712	117.039	ug/L	98
49) Dibromochloromethane	11.129	129	197259	51.724	ug/L	98
50) 1,2-Dibromoethane	11.233	107	164579	51.998	ug/L	99
51) Chlorobenzene	11.654	112	617524	48.809	ug/L	99
52) Ethylbenzene	11.727	91	1155891	50.633	ug/L	100
53) m,p-Xylene	11.837	106	441374	50.885	ug/L	96
54) o-Xylene	12.160	106	414170	51.649	ug/L	94
55) Styrene	12.178	104	706716	51.822	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	198071	52.551	ug/L	100
59) Bromoform	12.349	173	113781	58.049	ug/L	99
60) Isopropylbenzene	12.458	105	1175514	54.893	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	146994	56.665	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1000561	58.178	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	817049	50.188	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	424853	50.736	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	409794	48.814	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	430175	56.020	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	36818	61.425	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	334854	58.422	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	279224	56.143	ug/L	99
71) Naphthalene	15.360	128	615262	64.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	247668	58.637	ug/L	97

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

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