

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027560.D
 Acq On : 06 Dec 2023 11:11
 Operator : SY/MD
 Sample : VSTD10076
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100476

Quant Time: Dec 07 06:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:34:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	258973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	459304	95.894	ug/L	0.00
7) Chloroethane-d5	2.899	69	345704	103.787	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	202149	97.955	ug/L	0.00
21) 2-Butanone-d5	7.075	46	288485	297.160	ug/L	0.00
24) Chloroform-d	7.654	84	746138	99.795	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	389652	106.551	ug/L	0.00
32) Benzene-d6	8.276	84	1576519	101.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	473431	101.301	ug/L	0.00
41) Toluene-d8	10.325	98	1412653	102.480	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	194936	112.509	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	209580	314.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	410137	132.796	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	412349	94.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	304543	99.928	ug/L	100
3) Chloromethane	2.229	50	379124	96.103	ug/L	98
5) Vinyl chloride	2.375	62	428240	93.869	ug/L	99
6) Bromomethane	2.796	94	227201	92.800	ug/L	96
8) Chloroethane	2.936	64	251417	97.660	ug/L	97
9) Trichlorofluoromethane	3.277	101	451681	120.221	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	363115	99.025	ug/L #	72
12) 1,1-Dichloroethene	4.051	96	338676	96.191	ug/L	88
13) Acetone	4.125	43	238136	233.619	ug/L	100
14) Carbon disulfide	4.393	76	925887	79.387	ug/L	98
15) Methyl Acetate	4.673	43	214616	132.851	ug/L	100
16) Methylene chloride	4.923	84	335079	80.199	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	344459	93.504	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	586038	109.224	ug/L	97
19) 1,1-Dichloroethane	6.222	63	716530	97.502	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	386135	98.545	ug/L	97
22) 2-Butanone	7.173	43	309103	237.029	ug/L	98
23) Bromochloromethane	7.520	128	151217	95.708	ug/L	95
25) Chloroform	7.679	83	666783	98.609	ug/L	91
27) 1,2-Dichloroethane	8.404	62	431737	100.568	ug/L	99
29) Cyclohexane	7.959	56	674882	92.230	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	597616	102.853	ug/L	99
31) Carbon tetrachloride	8.075	117	515130	101.579	ug/L	98
33) Benzene	8.325	78	1467611	93.446	ug/L	100
34) Trichloroethene	9.093	95	395505	96.188	ug/L	89
35) Methylcyclohexane	9.337	83	704158	93.929	ug/L	99
37) 1,2-Dichloropropane	9.368	63	399800	98.406	ug/L	98
38) Bromodichloromethane	9.642	83	475739	103.737	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	626313	106.340	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	597355	277.603	ug/L	99
42) Toluene	10.386	91	1574853	96.700	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	526121	112.937	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	286460	110.580	ug/L	97
46) Tetrachloroethene	10.861	164	272259	92.494	ug/L	92
48) 2-Hexanone	10.965	43	427383	263.897	ug/L	98
49) Dibromochloromethane	11.123	129	296331	113.051	ug/L	99
50) 1,2-Dibromoethane	11.233	107	266371	112.049	ug/L	100
51) Chlorobenzene	11.654	112	962469	97.393	ug/L	98
52) Ethylbenzene	11.727	91	1850705	99.634	ug/L	95
53) m,p-Xylene	11.837	106	682969	100.330	ug/L	96
54) o-Xylene	12.160	106	632172	99.122	ug/L	98
55) Styrene	12.178	104	1125203	104.284	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	380654	126.190	ug/L	96
59) Bromoform	12.349	173	178186	118.623	ug/L	99
60) Isopropylbenzene	12.458	105	1873328	93.284	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	280547	117.540	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1439330	95.714	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1415576	92.653	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	726026	92.459	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	708000	89.917	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	649094	94.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	66516	124.556	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	471881	92.583	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	383743	95.549	ug/L	96
71) Naphthalene	15.360	128	890017	122.004	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	340907	102.468	ug/L	98

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

