

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027540.D
 Acq On : 06 Nov 2023 10:07
 Operator : SY/MD
 Sample : VSTD05069
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050469

Quant Time: Nov 07 00:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	439611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	395074	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	189402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	411116	51.653	ug/L	0.00
7) Chloroethane-d5	2.899	69	277077	50.509	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	174961	50.435	ug/L	0.00
21) 2-Butanone-d5	7.075	46	178634	103.611	ug/L	0.00
24) Chloroform-d	7.648	84	660738	51.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	334893	51.388	ug/L	0.00
32) Benzene-d6	8.276	84	1347756	51.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	420390	51.520	ug/L	0.00
41) Toluene-d8	10.325	98	1236087	52.305	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	173970	55.658	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	144686	116.498	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	297438	54.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	378762	52.611	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	240305	49.605	ug/L	95
3) Chloromethane	2.222	50	339054	52.202	ug/L	99
5) Vinyl chloride	2.375	62	368502	50.010	ug/L	100
6) Bromomethane	2.789	94	201346	49.534	ug/L	100
8) Chloroethane	2.936	64	210701	50.004	ug/L	95
9) Trichlorofluoromethane	3.271	101	287137	51.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	290999	52.220	ug/L	98
12) 1,1-Dichloroethene	4.045	96	285327	49.187	ug/L	93
13) Acetone	4.125	43	196774	108.060	ug/L	95
14) Carbon disulfide	4.387	76	991801	49.706	ug/L	100
15) Methyl Acetate	4.673	43	139983	51.994	ug/L	99
16) Methylene chloride	4.923	84	299672	41.766	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	302782	49.282	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	455340	49.675	ug/L	99
19) 1,1-Dichloroethane	6.216	63	600169	49.068	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	330016	49.692	ug/L	99
22) 2-Butanone	7.173	43	239419	103.372	ug/L	99
23) Bromochloromethane	7.514	128	132060	47.825	ug/L	94
25) Chloroform	7.679	83	553545	48.744	ug/L	96
27) 1,2-Dichloroethane	8.398	62	374482	50.115	ug/L	97
29) Cyclohexane	7.959	56	607068	50.726	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	459158	49.657	ug/L	100
31) Carbon tetrachloride	8.075	117	412154	50.924	ug/L	99
33) Benzene	8.325	78	1283905	49.183	ug/L	100
34) Trichloroethene	9.093	95	328825	48.736	ug/L	97
35) Methylcyclohexane	9.337	83	612767	50.139	ug/L	100
37) 1,2-Dichloropropane	9.368	63	339504	49.463	ug/L	99
38) Bromodichloromethane	9.642	83	393377	50.386	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	528129	52.045	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	407073	106.211	ug/L	100
42) Toluene	10.386	91	1359372	50.192	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	434706	53.311	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	222207	49.792	ug/L	97
46) Tetrachloroethene	10.861	164	236088	48.758	ug/L	95
48) 2-Hexanone	10.965	43	342310	112.238	ug/L	99
49) Dibromochloromethane	11.129	129	233873	51.833	ug/L	97
50) 1,2-Dibromoethane	11.233	107	212945	50.917	ug/L #	99
51) Chlorobenzene	11.654	112	833932	50.030	ug/L	99
52) Ethylbenzene	11.727	91	1560146	50.510	ug/L	100
53) m,p-Xylene	11.837	106	575478	50.528	ug/L	99
54) o-Xylene	12.166	106	552834	51.270	ug/L	96
55) Styrene	12.178	104	936969	51.277	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	271344	51.899	ug/L	99
59) Bromoform	12.349	173	128453	52.544	ug/L	98
60) Isopropylbenzene	12.458	105	1547157	49.874	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	197650	50.587	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1190892	50.351	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1231046	50.859	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	628993	49.897	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	621318	49.200	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	532882	48.445	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	42040	48.206	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	392753	48.571	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	321231	48.893	ug/L	94
71) Naphthalene	15.360	128	632867	51.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	268173	49.078	ug/L	96

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

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