

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061025\
 Data File : VW031713.D
 Acq On : 10 Jun 2025 09:47
 Operator : SY/MD
 Sample : VSTD02572
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025472

Quant Time: Jun 26 07:40:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 25 07:47:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	368266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	328604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153769	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.387	65	108873	23.605	ug/L	0.00
7) Chloroethane-d5	2.924	69	88406	23.220	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.045	65	56284	23.238	ug/L	0.00
21) 2-Butanone-d5	7.094	46	80845	44.751	ug/L	0.00
24) Chloroform-d	7.660	84	242875	22.752	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	139102	22.207	ug/L	0.00
32) Benzene-d6	8.276	84	454878	22.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	135129	22.931	ug/L	0.00
41) Toluene-d8	10.325	98	419739	22.891	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	65708	23.012	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	63530	45.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	133419	22.689	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	135285	22.946	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	92309	21.259	ug/L	100
3) Chloromethane	2.247	50	93951	21.613	ug/L	100
5) Vinyl chloride	2.399	62	117167	22.592	ug/L	100
6) Bromomethane	2.820	94	79618	21.594	ug/L	100
8) Chloroethane	2.966	64	74489	22.423	ug/L	100
9) Trichlorofluoromethane	3.302	101	99993	21.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	111717	22.670	ug/L	100
12) 1,1-Dichloroethene	4.064	96	111761	22.703	ug/L	100
13) Acetone	4.149	43	76620	49.162	ug/L	100
14) Carbon disulfide	4.405	76	315690	23.191	ug/L	100
15) Methyl Acetate	4.698	43	69386	22.444	ug/L	100
16) Methylene chloride	4.948	84	117505	18.995	ug/L	100
17) trans-1,2-Dichloroethene	5.441	96	113735	22.249	ug/L	100
18) Methyl tert-butyl Ether	5.460	73	191609	22.956	ug/L	100
19) 1,1-Dichloroethane	6.234	63	211867	22.317	ug/L	100
20) cis-1,2-Dichloroethene	7.185	96	128088	22.518	ug/L	100
22) 2-Butanone	7.185	43	82005	43.010	ug/L	100
23) Bromochloromethane	7.526	128	57733	22.465	ug/L	100
25) Chloroform	7.685	83	225927	22.213	ug/L	100
27) 1,2-Dichloroethane	8.404	62	161609	21.798	ug/L	100
29) Cyclohexane	7.965	56	203938	23.491	ug/L	100
30) 1,1,1-Trichloroethane	7.880	97	179609	23.399	ug/L	100
31) Carbon tetrachloride	8.075	117	165803	23.497	ug/L	100
33) Benzene	8.331	78	479084	23.225	ug/L	100
34) Trichloroethene	9.093	95	132336	22.781	ug/L	100
35) Methylcyclohexane	9.337	83	222674	23.615	ug/L	100
37) 1,2-Dichloropropane	9.374	63	120529	22.807	ug/L	100
38) Bromodichloromethane	9.648	83	164036	23.141	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	200123	23.251	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	10.209	43	199432	46.644	ug/L	100
42) Toluene	10.386	91	517137	23.272	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	175753	23.326	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	101476	22.745	ug/L	100
46) Tetrachloroethene	10.861	164	93051	22.623	ug/L	100
48) 2-Hexanone	10.965	43	133675	45.253	ug/L	100
49) Dibromochloromethane	11.129	129	107178	23.189	ug/L	100
50) 1,2-Dibromoethane	11.233	107	100281	22.733	ug/L	100
51) Chlorobenzene	11.654	112	323498	22.773	ug/L	100
52) Ethylbenzene	11.727	91	590616	23.303	ug/L	100
53) m,p-Xylene	11.837	106	219815	23.401	ug/L	100
54) o-Xylene	12.160	106	210759	23.458	ug/L	100
55) Styrene	12.178	104	362502	23.680	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	130244	22.835	ug/L	100
59) Bromoform	12.349	173	67100	24.858	ug/L	100
60) Isopropylbenzene	12.458	105	589983	24.640	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	101106	23.561	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	473720	24.756	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	466794	24.580	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	239340	23.445	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	250538	23.952	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	225462	23.683	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	24707	22.648	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	157922	23.539	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	142875	24.305	ug/L	100
71) Naphthalene	15.360	128	355623	23.966	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	126049	22.822	ug/L	100

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

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