

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031696.D
 Acq On : 08 May 2025 11:58
 Operator : SY/MD
 Sample : VSTD05067
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050467

Quant Time: May 08 14:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	467661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	320763	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139066	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	656803	59.18	ug/L	0.00
7) Chloroethane-d5	2.893	69	361783	54.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	270237	58.45	ug/L	0.01
21) 2-Butanone-d5	7.087	46	233502	101.07	ug/L	0.00
24) Chloroform-d	7.648	84	546004	49.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	196972	48.39	ug/L	0.00
32) Benzene-d6	8.270	84	1285487	52.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	278871	49.77	ug/L	0.00
41) Toluene-d8	10.319	98	1163106	52.70	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	93440	50.44	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123783	104.60	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186510	49.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223470	47.41	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	505059	54.07	ug/L #	87
3) Chloromethane	2.222	50	358300	48.53	ug/L	96
5) Vinyl chloride	2.375	62	560945	50.54	ug/L	97
6) Bromomethane	2.789	94	216538	48.15	ug/L	95
8) Chloroethane	2.930	64	262983	49.39	ug/L	98
9) Trichlorofluoromethane	3.253	101	472159	54.40	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	643666	56.34	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	491561	55.20	ug/L	94
13) Acetone	4.155	43	158166	97.25	ug/L	98
14) Carbon disulfide	4.399	76	1446959	51.51	ug/L	97
15) Methyl Acetate	4.685	43	143272	47.82	ug/L	96
16) Methylene chloride	4.941	84	221009	45.60	ug/L	90
17) trans-1,2-Dichloroethene	5.423	96	392581	50.31	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	273847	49.34	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	598152	49.37	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	297097	49.60	ug/L	92
22) 2-Butanone	7.185	43	238809	98.90	ug/L	99
23) Bromochloromethane	7.514	128	91539	47.13	ug/L	92
25) Chloroform	7.673	83	507502	48.75	ug/L	96
27) 1,2-Dichloroethane	8.398	62	230525	47.78	ug/L	98
29) Cyclohexane	7.953	56	1213256	58.44	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	699938	51.95	ug/L	99
31) Carbon tetrachloride	8.069	117	742483	55.08	ug/L	97
33) Benzene	8.319	78	1335172	50.93	ug/L	100
34) Trichloroethene	9.087	95	438942	50.97	ug/L	97
35) Methylcyclohexane	9.331	83	1312568	57.78	ug/L	100
37) 1,2-Dichloropropane	9.367	63	250162	49.15	ug/L	98
38) Bromodichloromethane	9.642	83	272236	48.63	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	327444	51.99	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	315585	101.18	ug/L	98
42) Toluene	10.386	91	1454383	52.21	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	240992	51.02	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	143176	49.31	ug/L	96
46) Tetrachloroethene	10.861	164	391904	54.37	ug/L	97
48) 2-Hexanone	10.965	43	262609	106.09	ug/L	97
49) Dibromochloromethane	11.129	129	140642	47.97	ug/L	90
50) 1,2-Dibromoethane	11.233	107	135388	49.61	ug/L	97
51) Chlorobenzene	11.654	112	688414	49.60	ug/L	98
52) Ethylbenzene	11.727	91	1753633	52.36	ug/L	99
53) m,p-Xylene	11.837	106	647726	53.73	ug/L	99
54) o-Xylene	12.160	106	505774	53.32	ug/L	94
55) Styrene	12.178	104	745345	54.51	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	181116	48.10	ug/L	98
59) Bromoform	12.349	173	81470	49.33	ug/L #	98
60) Isopropylbenzene	12.458	105	2055953	53.68	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140814	45.94	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	1384850	52.83	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1158201	51.94	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	484165	47.91	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	457871	48.59	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	369732	48.12	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	43455	43.93	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	338367	48.59	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	236182	50.04	ug/L	96
71) Naphthalene	15.354	128	463425	50.63	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	183131	47.77	ug/L	99

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

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