

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031697.D
 Acq On : 08 May 2025 12:22
 Operator : SY/MD
 Sample : VSTD10068
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100468

Quant Time: May 08 14:34:41 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	445639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	306739	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123480	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	1185273	112.08	ug/L	0.00
7) Chloroethane-d5	2.893	69	651148	102.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	498849	113.23	ug/L	0.01
21) 2-Butanone-d5	7.094	46	462465	210.07	ug/L	0.00
24) Chloroform-d	7.648	84	1035094	98.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	352416	90.86	ug/L	0.00
32) Benzene-d6	8.270	84	2399510	102.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	523234	97.64	ug/L	0.00
41) Toluene-d8	10.319	98	2223982	105.38	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	170654	96.34	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	246020	217.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	327472	90.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	417808	99.82	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	2.009	85	895630	100.62	ug/L #	87
3) Chloromethane	2.229	50	707529	100.58	ug/L	98
5) Vinyl chloride	2.375	62	1059017	100.13	ug/L	97
6) Bromomethane	2.783	94	391238	91.30	ug/L	97
8) Chloroethane	2.924	64	482594	95.11	ug/L	97
9) Trichlorofluoromethane	3.253	101	885042	107.01	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	1137150	104.46	ug/L	96
12) 1,1-Dichloroethene	4.045	96	896148	105.61	ug/L	92
13) Acetone	4.149	43	299854	193.48	ug/L	96
14) Carbon disulfide	4.399	76	2648270	98.93	ug/L	100
15) Methyl Acetate	4.679	43	279255m	97.80	ug/L	
16) Methylene chloride	4.923	84	387580	83.91	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	744590	100.14	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	488971	92.46	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	1120586	97.06	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	565466	99.06	ug/L	92
22) 2-Butanone	7.179	43	472300	205.27	ug/L	99
23) Bromochloromethane	7.508	128	168473	91.04	ug/L	97
25) Chloroform	7.673	83	950357	95.79	ug/L	94
27) 1,2-Dichloroethane	8.398	62	410271	89.24	ug/L	100
29) Cyclohexane	7.953	56	2190224	110.33	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	1308379	101.55	ug/L	100
31) Carbon tetrachloride	8.069	117	1327334	102.97	ug/L	99
33) Benzene	8.319	78	2496951	99.59	ug/L	100
34) Trichloroethene	9.087	95	829487	100.72	ug/L	96
35) Methylcyclohexane	9.331	83	2321478	106.86	ug/L	99
37) 1,2-Dichloropropane	9.368	63	460070	94.52	ug/L	98
38) Bromodichloromethane	9.642	83	508481	94.99	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	623863	103.57	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	594864	199.45	ug/L	98
42) Toluene	10.386	91	2787468	104.64	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	451296	99.92	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	252443	90.91	ug/L	96
46) Tetrachloroethene	10.861	164	720216	104.48	ug/L	95
48) 2-Hexanone	10.965	43	501028	211.67	ug/L	97
49) Dibromochloromethane	11.129	129	272527	97.20	ug/L	91
50) 1,2-Dibromoethane	11.233	107	250973	96.16	ug/L	99
51) Chlorobenzene	11.654	112	1312157	98.86	ug/L	98
52) Ethylbenzene	11.727	91	3397617	106.09	ug/L	100
53) m,p-Xylene	11.837	106	1198723	103.99	ug/L	91
54) o-Xylene	12.160	106	944754	104.15	ug/L	98
55) Styrene	12.178	104	1398732	106.97	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	322822	89.65	ug/L	97
59) Bromoform	12.349	173	145847	99.46	ug/L #	97
60) Isopropylbenzene	12.459	105	3728428	109.63	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	258052	94.81	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	2598782	111.65	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2218658	112.06	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	920277	102.56	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	843493	100.80	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	670533	98.28	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	79110	90.07	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	641513	103.74	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	430167	102.64	ug/L	98
71) Naphthalene	15.360	128	859700	105.79	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	346300	101.73	ug/L	100

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

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