

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048675.D
 Acq On : 25 Nov 2025 11:05
 Operator : JC/MD
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 00:57:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	152887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	234446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	109025	51.177	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.360%			
35) Dibromofluoromethane	5.367	113	88585	45.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.780%			
50) Toluene-d8	8.628	98	301514	50.084	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.061	95	110201	49.120	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22127	17.861	ug/l	94
3) Chloromethane	1.300	50	24295	14.786	ug/l	99
4) Vinyl Chloride	1.380	62	36219	19.468	ug/l	99
5) Bromomethane	1.617	94	25740	21.911	ug/l	97
6) Chloroethane	1.697	64	23018	18.893	ug/l	99
7) Trichlorofluoromethane	1.892	101	59009	20.049	ug/l	99
8) Diethyl Ether	2.130	74	22761	19.266	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	34759	20.400	ug/l	98
10) Methyl Iodide	2.453	142	42210	16.739	ug/l	94
11) Tert butyl alcohol	2.934	59	36758	91.058	ug/l	96
12) 1,1-Dichloroethene	2.325	96	33081	18.587	ug/l	97
13) Acrolein	2.233	56	6194	106.049	ug/l	98
14) Allyl chloride	2.666	41	66933	20.199	ug/l	96
15) Acrylonitrile	3.056	53	98033	83.190	ug/l	97
16) Acetone	2.367	43	93404	92.625	ug/l	93
17) Carbon Disulfide	2.514	76	80445	16.062	ug/l	97
18) Methyl Acetate	2.697	43	62349	22.498	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	112823	17.951	ug/l	98
20) Methylene Chloride	2.788	84	40943	19.749	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	31963	16.945	ug/l	93
22) Diisopropyl ether	3.745	45	106967	16.811	ug/l	98
23) Vinyl Acetate	3.709	43	440895	79.117	ug/l	97
24) 1,1-Dichloroethane	3.599	63	60180	17.237	ug/l	99
25) 2-Butanone	4.532	43	123469	82.766	ug/l	99
26) 2,2-Dichloropropane	4.458	77	52507	17.641	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	41109	17.829	ug/l	97
28) Bromochloromethane	4.879	49	36231	21.124	ug/l	95
29) Tetrahydrofuran	4.989	42	109256	102.688	ug/l	99
30) Chloroform	5.074	83	78377	21.745	ug/l	99
31) Cyclohexane	5.458	56	53720	18.779	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	66040	20.995	ug/l	97
36) 1,1-Dichloropropene	5.672	75	48847	18.899	ug/l	99
37) Ethyl Acetate	4.696	43	61527m	16.911	ug/l	
38) Carbon Tetrachloride	5.659	117	59766	20.313	ug/l	97
39) Methylcyclohexane	7.360	83	53181	18.325	ug/l	97
40) Benzene	6.025	78	153258	19.129	ug/l	98

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41) Methacrylonitrile	4.891	41	33806	21.128	ug/l	98
42) 1,2-Dichloroethane	6.068	62	56550	20.600	ug/l	99
43) Isopropyl Acetate	6.318	43	100417	19.634	ug/l	99
44) Trichloroethene	7.110	130	38829	20.275	ug/l	99
45) 1,2-Dichloropropane	7.409	63	39781	21.594	ug/l	100
46) Dibromomethane	7.561	93	29613	22.039	ug/l	96
47) Bromodichloromethane	7.799	83	62360	23.264	ug/l	97
48) Methyl methacrylate	7.671	41	49966	21.977	ug/l	96
49) 1,4-Dioxane	7.641	88	13134	379.127	ug/l #	86
51) 4-Methyl-2-Pentanone	8.555	43	351138	120.614	ug/l	96
52) Toluene	8.702	92	93662	22.204	ug/l	96
53) t-1,3-Dichloropropene	8.964	75	62706	22.703	ug/l	95
54) cis-1,3-Dichloropropene	8.348	75	64782	22.651	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	40322	23.926	ug/l	97
56) Ethyl methacrylate	9.098	69	62837	22.411	ug/l	94
57) 1,3-Dichloropropane	9.293	76	66685	22.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	153820	102.040	ug/l	99
59) 2-Hexanone	9.415	43	257854	119.070	ug/l	96
60) Dibromochloromethane	9.506	129	49363	23.856	ug/l	99
61) 1,2-Dibromoethane	9.592	107	41447	22.706	ug/l	98
64) Tetrachloroethene	9.256	164	32185	18.901	ug/l	96
65) Chlorobenzene	10.061	112	105854	19.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	38749	20.782	ug/l	97
67) Ethyl Benzene	10.177	91	180626	19.330	ug/l	99
68) m/p-Xylenes	10.287	106	136619	38.820	ug/l	95
69) o-Xylene	10.622	106	66180	19.220	ug/l	98
70) Styrene	10.640	104	117078	20.270	ug/l	98
71) Bromoform	10.780	173	34220	19.894	ug/l #	100
73) Isopropylbenzene	10.945	105	172094	19.946	ug/l	100
74) N-amyl acetate	10.823	43	85016	19.624	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	61624	20.254	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49164m	17.169	ug/l	
77) Bromobenzene	11.177	156	44598	20.018	ug/l	96
78) n-propylbenzene	11.286	91	202964	20.006	ug/l	100
79) 2-Chlorotoluene	11.347	91	123789	20.193	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	141282	20.087	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.000	75	19410	19.388	ug/l #	85
82) 4-Chlorotoluene	11.439	91	145988	20.302	ug/l	98
83) tert-Butylbenzene	11.695	119	145973	20.065	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	143093	20.163	ug/l	99
85) sec-Butylbenzene	11.872	105	179563	19.971	ug/l	100
86) p-Isopropyltoluene	11.994	119	153747	20.339	ug/l	97
87) 1,3-Dichlorobenzene	11.951	146	82209	19.688	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	84197	19.521	ug/l	98
89) n-Butylbenzene	12.317	91	139614	19.688	ug/l	100
90) Hexachloroethane	12.518	117	28897	20.064	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	79354	19.796	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	14359	20.308	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	50576	18.987	ug/l	97
94) Hexachlorobutadiene	13.707	225	21406	19.224	ug/l	96
95) Naphthalene	13.756	128	164281	19.182	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	47215	19.056	ug/l	99

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

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