

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048420.D
 Acq On : 31 Oct 2025 11:00
 Operator : JC/MD
 Sample : VX1031WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Oct 31 23:01:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	161570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	274506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121990	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.367	113	80296	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.629	98	351196	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.061	95	131002	50.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	30494	18.503	ug/l	94
3) Chloromethane	1.301	50	18075	19.438	ug/l	99
4) Vinyl Chloride	1.380	62	39077	18.193	ug/l	100
5) Bromomethane	1.618	94	16402	21.139	ug/l	98
6) Chloroethane	1.697	64	22762	17.819	ug/l	91
7) Trichlorofluoromethane	1.898	101	60662	18.430	ug/l	96
8) Diethyl Ether	2.136	74	22272	18.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	35418	19.130	ug/l	98
10) Methyl Iodide	2.459	142	130875	17.579	ug/l	97
11) Tert butyl alcohol	2.928	59	17091	96.005	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34874	18.544	ug/l	88
13) Acrolein	2.233	56	40216	108.227	ug/l	100
14) Allyl chloride	2.666	41	58158	18.261	ug/l	98
15) Acrylonitrile	3.056	53	78697	97.173	ug/l	100
16) Acetone	2.374	43	50483	95.859	ug/l	99
17) Carbon Disulfide	2.514	76	100451	18.629	ug/l	100
18) Methyl Acetate	2.697	43	31095	17.654	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	113952	18.922	ug/l	98
20) Methylene Chloride	2.788	84	38121	18.778	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37222	18.634	ug/l	98
22) Diisopropyl ether	3.745	45	128250	19.674	ug/l	95
23) Vinyl Acetate	3.709	43	460094	103.684	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69497	18.786	ug/l	99
25) 2-Butanone	4.532	43	83531	99.287	ug/l	94
26) 2,2-Dichloropropane	4.465	77	58530	18.375	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	44255	18.563	ug/l	99
28) Bromochloromethane	4.879	49	26393	15.742	ug/l	95
29) Tetrahydrofuran	4.983	42	58365	97.415	ug/l	97
30) Chloroform	5.080	83	73125	19.215	ug/l	98
31) Cyclohexane	5.452	56	61751	19.230	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	63488	18.897	ug/l	99
36) 1,1-Dichloropropene	5.678	75	47270	17.986	ug/l	97
37) Ethyl Acetate	4.690	43	42420	18.944	ug/l	98
38) Carbon Tetrachloride	5.660	117	55695	18.354	ug/l	99
39) Methylcyclohexane	7.361	83	62928	18.619	ug/l	95
40) Benzene	6.019	78	153418	19.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	22417	19.875	ug/l	97
42) 1,2-Dichloroethane	6.068	62	53231	18.822	ug/l	97
43) Isopropyl Acetate	6.318	43	71782	19.417	ug/l	98
44) Trichloroethene	7.104	130	39096	18.585	ug/l	98
45) 1,2-Dichloropropane	7.409	63	37882	18.892	ug/l	98
46) Dibromomethane	7.562	93	26542	18.908	ug/l	95
47) Bromodichloromethane	7.806	83	56538	18.956	ug/l	98
48) Methyl methacrylate	7.671	41	35618	19.757	ug/l	97
49) 1,4-Dioxane	7.641	88	7982	389.529	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	202059	98.209	ug/l	97
52) Toluene	8.702	92	96172	19.169	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	54733	20.246	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	58436	20.063	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	35108	19.337	ug/l	98
56) Ethyl methacrylate	9.098	69	51530	19.383	ug/l	98
57) 1,3-Dichloropropane	9.293	76	61570	19.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	122433	83.740	ug/l	98
59) 2-Hexanone	9.409	43	134368	100.370	ug/l	99
60) Dibromochloromethane	9.500	129	43745	19.481	ug/l	100
61) 1,2-Dibromoethane	9.592	107	37461	19.944	ug/l	97
64) Tetrachloroethene	9.257	164	37371	18.968	ug/l	98
65) Chlorobenzene	10.061	112	106960	18.978	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	37289	19.450	ug/l	99
67) Ethyl Benzene	10.177	91	181307	19.106	ug/l	98
68) m/p-Xylenes	10.281	106	138523	38.553	ug/l	99
69) o-Xylene	10.622	106	66164	19.270	ug/l	97
70) Styrene	10.634	104	114200	19.634	ug/l	99
71) Bromoform	10.781	173	27189	19.605	ug/l #	99
73) Isopropylbenzene	10.945	105	172095	19.231	ug/l	100
74) N-amyl acetate	10.823	43	62496	19.576	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	43694	19.276	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	35410m	20.351	ug/l	
77) Bromobenzene	11.183	156	41905	18.957	ug/l	99
78) n-propylbenzene	11.287	91	204552	19.340	ug/l	99
79) 2-Chlorotoluene	11.348	91	122479	19.287	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	144041	19.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	10132	20.151	ug/l #	74
82) 4-Chlorotoluene	11.433	91	143821	19.265	ug/l	98
83) tert-Butylbenzene	11.695	119	141153	18.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	145275	20.001	ug/l	100
85) sec-Butylbenzene	11.872	105	181081	19.460	ug/l	99
86) p-Isopropyltoluene	11.988	119	153473	19.509	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79392	18.806	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	80329	18.682	ug/l	98
89) n-Butylbenzene	12.311	91	142581	19.304	ug/l	100
90) Hexachloroethane	12.518	117	26530	19.192	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	75072	19.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	8511	19.175	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	50772	18.807	ug/l	99
94) Hexachlorobutadiene	13.707	225	21954	19.388	ug/l	96
95) Naphthalene	13.756	128	131415	19.275	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	47353	19.311	ug/l	99

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

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