

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048448.D
 Acq On : 03 Nov 2025 11:52
 Operator : JC/MD
 Sample : VX1103MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBS01

Quant Time: Nov 04 00:09:15 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	176951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	246347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	137738	54.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.240%			
35) Dibromofluoromethane	5.367	113	84865	60.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.840%			
50) Toluene-d8	8.628	98	328798	53.033	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.060%			
62) 4-Bromofluorobenzene	11.061	95	150819	65.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 130.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	27934	15.476	ug/l	94
3) Chloromethane	1.300	50	18857	18.517	ug/l	95
4) Vinyl Chloride	1.380	62	43828	18.631	ug/l	99
5) Bromomethane	1.617	94	17814	20.963	ug/l	97
6) Chloroethane	1.697	64	23838	17.039	ug/l	92
7) Trichlorofluoromethane	1.898	101	60444	16.767	ug/l	97
8) Diethyl Ether	2.130	74	22921	17.593	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	36493	17.997	ug/l	95
10) Methyl Iodide	2.459	142	136213	16.706	ug/l	99
11) Tert butyl alcohol	2.928	59	16039	82.264	ug/l	100
12) 1,1-Dichloroethene	2.325	96	39320	19.091	ug/l	82
13) Acrolein	2.233	56	29861	73.375	ug/l	99
14) Allyl chloride	2.660	41	55068	15.788	ug/l	92
15) Acrylonitrile	3.056	53	72351	81.572	ug/l	96
16) Acetone	2.367	43	55465	96.165	ug/l	92
17) Carbon Disulfide	2.514	76	96065	16.267	ug/l	99
18) Methyl Acetate	2.697	43	31360	16.257	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	112953	17.126	ug/l	98
20) Methylene Chloride	2.788	84	37864	17.030	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	36087	16.496	ug/l	96
22) Diisopropyl ether	3.745	45	122455	17.152	ug/l	96
23) Vinyl Acetate	3.709	43	443971	91.354	ug/l	100
24) 1,1-Dichloroethane	3.599	63	67693	16.707	ug/l	99
25) 2-Butanone	4.532	43	79245	86.005	ug/l	97
26) 2,2-Dichloropropane	4.465	77	59484	17.051	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	42304	16.203	ug/l	98
28) Bromochloromethane	4.879	49	32691	17.803	ug/l	99
29) Tetrahydrofuran	4.983	42	58761	89.551	ug/l	96
30) Chloroform	5.074	83	82655	19.831	ug/l	98
31) Cyclohexane	5.452	56	61350	17.444	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	65544	17.813	ug/l	98
36) 1,1-Dichloropropene	5.672	75	54118	22.945	ug/l	99
37) Ethyl Acetate	4.696	43	40011	19.911	ug/l	98
38) Carbon Tetrachloride	5.659	117	62700	23.024	ug/l	94
39) Methylcyclohexane	7.360	83	54097	17.835	ug/l	96
40) Benzene	6.019	78	170841	23.710	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	20975	20.723	ug/l	93
42) 1,2-Dichloroethane	6.062	62	62026	24.439	ug/l	100
43) Isopropyl Acetate	6.318	43	70115	21.134	ug/l	99
44) Trichloroethene	7.110	130	36934	19.564	ug/l	95
45) 1,2-Dichloropropane	7.409	63	36371	20.211	ug/l	92
46) Dibromomethane	7.568	93	26808	21.280	ug/l	95
47) Bromodichloromethane	7.805	83	58862	21.991	ug/l	97
48) Methyl methacrylate	7.671	41	34406	21.266	ug/l	96
49) 1,4-Dioxane	7.641	88	7471	406.267	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	192583	104.303	ug/l	99
52) Toluene	8.702	92	91820	20.393	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	53060	21.871	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	55766	21.335	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	34487	21.166	ug/l	98
56) Ethyl methacrylate	9.098	69	48401	20.287	ug/l	97
57) 1,3-Dichloropropane	9.293	76	59871	21.192	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	135770	101.287	ug/l	96
59) 2-Hexanone	9.415	43	130441	108.574	ug/l	97
60) Dibromochloromethane	9.500	129	48272	23.955	ug/l	99
61) 1,2-Dibromoethane	9.592	107	41135	24.404	ug/l	96
64) Tetrachloroethene	9.256	164	35281	16.983	ug/l	92
65) Chlorobenzene	10.061	112	113294	19.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	40559	20.064	ug/l	98
67) Ethyl Benzene	10.177	91	186421	18.630	ug/l	98
68) m/p-Xylenes	10.287	106	156308	41.256	ug/l	93
69) o-Xylene	10.622	106	74632	20.613	ug/l	94
70) Styrene	10.640	104	129014	21.035	ug/l	98
71) Bromoform	10.780	173	30974	21.181	ug/l #	97
73) Isopropylbenzene	10.945	105	176699	19.506	ug/l	98
74) N-amyl acetate	10.823	43	66032	20.433	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	46694	20.350	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	34192m	19.413	ug/l	
77) Bromobenzene	11.177	156	46296	20.689	ug/l	98
78) n-propylbenzene	11.286	91	192854	18.013	ug/l	98
79) 2-Chlorotoluene	11.347	91	118573	18.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	137178	18.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	10166	19.974	ug/l #	80
82) 4-Chlorotoluene	11.433	91	142235	18.822	ug/l	99
83) tert-Butylbenzene	11.695	119	134387	17.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	137755	18.736	ug/l	97
85) sec-Butylbenzene	11.872	105	167460	17.778	ug/l	100
86) p-Isopropyltoluene	11.994	119	143874	18.067	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	75181	17.592	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	75701	17.392	ug/l	97
89) n-Butylbenzene	12.317	91	131698	17.614	ug/l	98
90) Hexachloroethane	12.518	117	26052	18.618	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	72522	18.313	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	8336	18.553	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	45468	16.638	ug/l	98
94) Hexachlorobutadiene	13.707	225	18265	15.934	ug/l	99
95) Naphthalene	13.756	128	121865	17.657	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	44229	17.818	ug/l	99

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

