

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048474.D
 Acq On : 04 Nov 2025 11:03
 Operator : JC/MD
 Sample : VX1104MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104MBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 01:43:28 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	157622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	223418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	112171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	108589	47.903	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.800%			
35) Dibromofluoromethane	5.367	113	77594	60.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.840%			
50) Toluene-d8	8.629	98	279830	49.767	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.061	95	119672	56.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	36020	22.403	ug/l	96
3) Chloromethane	1.301	50	19948	21.990	ug/l	100
4) Vinyl Chloride	1.380	62	44273	21.128	ug/l	98
5) Bromomethane	1.618	94	15647	20.671	ug/l	100
6) Chloroethane	1.697	64	22957	18.422	ug/l	99
7) Trichlorofluoromethane	1.898	101	61288	19.086	ug/l	98
8) Diethyl Ether	2.130	74	20410	17.586	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	39341	21.781	ug/l	95
10) Methyl Iodide	2.459	142	130770	18.005	ug/l	98
11) Tert butyl alcohol	2.928	59	15102	86.957	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	39475	21.516	ug/l	88
13) Acrolein	2.233	56	28783	79.399	ug/l	99
14) Allyl chloride	2.666	41	58756	18.911	ug/l	95
15) Acrylonitrile	3.056	53	73423	92.932	ug/l	97
16) Acetone	2.374	43	51704	100.637	ug/l	94
17) Carbon Disulfide	2.514	76	103129	19.605	ug/l	98
18) Methyl Acetate	2.697	43	30440	17.715	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	116152	19.770	ug/l	99
20) Methylene Chloride	2.788	84	38004	19.189	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	37973	19.486	ug/l	100
22) Diisopropyl ether	3.745	45	125403	19.719	ug/l	98
23) Vinyl Acetate	3.709	43	437440	101.048	ug/l	98
24) 1,1-Dichloroethane	3.599	63	71100	19.700	ug/l	99
25) 2-Butanone	4.532	43	80214	97.733	ug/l	96
26) 2,2-Dichloropropane	4.459	77	65591	21.107	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	46002	19.780	ug/l	99
28) Bromochloromethane	4.885	49	27841	17.021	ug/l #	81
29) Tetrahydrofuran	4.983	42	51751	88.539	ug/l	97
30) Chloroform	5.074	83	76880	20.708	ug/l	95
31) Cyclohexane	5.458	56	53999	17.237	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	68368	20.859	ug/l	98
36) 1,1-Dichloropropene	5.678	75	51094	23.886	ug/l	95
37) Ethyl Acetate	4.696	43	38250	20.988	ug/l	95
38) Carbon Tetrachloride	5.660	117	58895	23.846	ug/l	100
39) Methylcyclohexane	7.361	83	51430	18.696	ug/l	93
40) Benzene	6.019	78	164767	25.213	ug/l	99

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41) Methacrylonitrile	4.898	41	18796	20.476	ug/l	96
42) 1,2-Dichloroethane	6.068	62	52623	22.862	ug/l	96
43) Isopropyl Acetate	6.312	43	60330	20.051	ug/l #	93
44) Trichloroethene	7.111	130	34654	20.240	ug/l	97
45) 1,2-Dichloropropane	7.409	63	30204	18.507	ug/l	100
46) Dibromomethane	7.568	93	21549	18.861	ug/l	90
47) Bromodichloromethane	7.806	83	47715	19.656	ug/l	96
48) Methyl methacrylate	7.678	41	25739	17.542	ug/l	92
49) 1,4-Dioxane	7.641	88	6327	379.367	ug/l	86
51) 4-Methyl-2-Pentanone	8.555	43	147805	88.267	ug/l	94
52) Toluene	8.702	92	85768	21.004	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	47912	21.776	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	49782	21.000	ug/l	90
55) 1,1,2-Trichloroethane	9.135	97	33368	22.581	ug/l	93
56) Ethyl methacrylate	9.098	69	45197	20.888	ug/l	92
57) 1,3-Dichloropropane	9.293	76	58543	22.849	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.220	63	111449	92.558	ug/l	94
59) 2-Hexanone	9.415	43	118103	108.393	ug/l	93
60) Dibromochloromethane	9.506	129	47587	26.038	ug/l	99
61) 1,2-Dibromoethane	9.592	107	39896	26.098	ug/l	97
64) Tetrachloroethene	9.257	164	36319	19.777	ug/l	95
65) Chlorobenzene	10.061	112	106875	20.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	38450	21.517	ug/l	99
67) Ethyl Benzene	10.177	91	181800	20.553	ug/l	97
68) m/p-Xylenes	10.281	106	138887	41.470	ug/l	99
69) o-Xylene	10.622	106	65521	20.472	ug/l	98
70) Styrene	10.634	104	112862	20.817	ug/l	99
71) Bromoform	10.781	173	26518	20.514	ug/l #	97
73) Isopropylbenzene	10.945	105	167648	20.207	ug/l	98
74) N-amyl acetate	10.823	43	60843	20.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43359	20.632	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	34172m	21.183	ug/l	
77) Bromobenzene	11.177	156	42750	20.859	ug/l	95
78) n-propylbenzene	11.287	91	199380	20.333	ug/l	99
79) 2-Chlorotoluene	11.348	91	119414	20.283	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	138374	20.346	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	9350	20.058	ug/l #	53
82) 4-Chlorotoluene	11.433	91	142536	20.594	ug/l	98
83) tert-Butylbenzene	11.695	119	141410	20.424	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	140920	20.927	ug/l	100
85) sec-Butylbenzene	11.872	105	172822	20.032	ug/l	100
86) p-Isopropyltoluene	11.988	119	147443	20.216	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	76967	19.665	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	77931	19.549	ug/l	97
89) n-Butylbenzene	12.311	91	134753	19.678	ug/l	100
90) Hexachloroethane	12.518	117	25163	19.634	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	71904	19.824	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8301	20.172	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	44194	17.658	ug/l	99
94) Hexachlorobutadiene	13.707	225	19394	18.473	ug/l	96
95) Naphthalene	13.756	128	111446	17.631	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	39338	17.304	ug/l	98

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

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