

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048477.D
 Acq On : 04 Nov 2025 12:33
 Operator : JC/MD
 Sample : VX1104MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104MBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 01:45:56 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	5.531	168	147758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	281214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	112503	52.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.367	113	78465	48.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.880%			
50) Toluene-d8	8.628	98	350644	49.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.061	95	110756	41.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	30166	20.015	ug/l	98
3) Chloromethane	1.300	50	18906	22.233	ug/l	99
4) Vinyl Chloride	1.380	62	39186	19.949	ug/l	98
5) Bromomethane	1.617	94	14069	19.827	ug/l	99
6) Chloroethane	1.697	64	20238	17.324	ug/l	96
7) Trichlorofluoromethane	1.898	101	50366	16.732	ug/l	96
8) Diethyl Ether	2.130	74	18565	17.064	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	32804	19.374	ug/l	94
10) Methyl Iodide	2.459	142	126533	18.584	ug/l	99
11) Tert butyl alcohol	2.928	59	16670	102.393	ug/l	98
12) 1,1-Dichloroethene	2.325	96	35641	20.723	ug/l	84
13) Acrolein	2.233	56	30137	88.684	ug/l	98
14) Allyl chloride	2.666	41	56499	19.399	ug/l	98
15) Acrylonitrile	3.056	53	69645	94.035	ug/l	97
16) Acetone	2.373	43	45872	95.246	ug/l	96
17) Carbon Disulfide	2.514	76	95840	19.435	ug/l	99
18) Methyl Acetate	2.696	43	29390	18.246	ug/l	93
19) Methyl tert-butyl Ether	3.105	73	114266	20.747	ug/l	97
20) Methylene Chloride	2.788	84	37010	19.935	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	36912	20.206	ug/l	97
22) Diisopropyl ether	3.745	45	120914	20.283	ug/l	99
23) Vinyl Acetate	3.708	43	434685	107.115	ug/l	99
24) 1,1-Dichloroethane	3.599	63	68576	20.269	ug/l	99
25) 2-Butanone	4.532	43	74898	97.348	ug/l	99
26) 2,2-Dichloropropane	4.458	77	62052	21.302	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	43828	20.103	ug/l	99
28) Bromochloromethane	4.879	49	32784	21.382	ug/l	93
29) Tetrahydrofuran	4.983	42	50637	92.417	ug/l	93
30) Chloroform	5.074	83	72070	20.708	ug/l	93
31) Cyclohexane	5.452	56	51734	17.616	ug/l	91
32) 1,1,1-Trichloroethane	5.367	97	63289	20.599	ug/l	98
36) 1,1-Dichloropropene	5.672	75	42589	15.818	ug/l	98
37) Ethyl Acetate	4.696	43	38684	16.864	ug/l	97
38) Carbon Tetrachloride	5.659	117	48364	15.558	ug/l	97
39) Methylcyclohexane	7.360	83	55350	15.986	ug/l	94
40) Benzene	6.019	78	160387	19.499	ug/l	100

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41) Methacrylonitrile	4.897	41	21004	18.178	ug/l	98
42) 1,2-Dichloroethane	6.062	62	51577	17.802	ug/l	96
43) Isopropyl Acetate	6.318	43	67921	17.934	ug/l	95
44) Trichloroethene	7.104	130	42072	19.523	ug/l	91
45) 1,2-Dichloropropane	7.409	63	39707	19.329	ug/l	95
46) Dibromomethane	7.561	93	27666	19.238	ug/l	92
47) Bromodichloromethane	7.805	83	60170	19.693	ug/l	98
48) Methyl methacrylate	7.671	41	34157	18.494	ug/l	92
49) 1,4-Dioxane	7.641	88	8151	388.288	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	192203	91.190	ug/l	96
52) Toluene	8.702	92	100971	19.645	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	56253	20.312	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	59362	19.895	ug/l	92
55) 1,1,2-Trichloroethane	9.134	97	37746	20.294	ug/l	96
56) Ethyl methacrylate	9.098	69	53211	19.538	ug/l	92
57) 1,3-Dichloropropane	9.293	76	63549	19.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	146969	96.528	ug/l	95
59) 2-Hexanone	9.415	43	119077	86.826	ug/l	94
60) Dibromochloromethane	9.506	129	45405	19.738	ug/l	98
61) 1,2-Dibromoethane	9.592	107	38591	20.056	ug/l	99
64) Tetrachloroethene	9.256	164	36976	18.817	ug/l	97
65) Chlorobenzene	10.061	112	111700	19.871	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	39274	20.540	ug/l	99
67) Ethyl Benzene	10.177	91	180810	19.103	ug/l	95
68) m/p-Xylenes	10.281	106	143635	40.080	ug/l	94
69) o-Xylene	10.622	106	67027	19.572	ug/l	94
70) Styrene	10.640	104	118079	20.354	ug/l	97
71) Bromoform	10.780	173	28614	20.686	ug/l #	98
73) Isopropylbenzene	10.945	105	169172	19.125	ug/l	98
74) N-amyl acetate	10.823	43	62383	19.770	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	40899	18.255	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	32126m	18.680	ug/l	
77) Bromobenzene	11.183	156	41345	18.922	ug/l	91
78) n-propylbenzene	11.286	91	189991	18.173	ug/l	97
79) 2-Chlorotoluene	11.347	91	118802	18.927	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	137051	18.901	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	10284	20.693	ug/l #	63
82) 4-Chlorotoluene	11.433	91	140467	19.036	ug/l	95
83) tert-Butylbenzene	11.695	119	123125	16.680	ug/l	95
84) 1,2,4-Trimethylbenzene	11.731	105	121386	16.908	ug/l	98
85) sec-Butylbenzene	11.872	105	162070	17.621	ug/l	99
86) p-Isopropyltoluene	11.988	119	143975	18.516	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79784	19.120	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	82292	19.362	ug/l	99
89) n-Butylbenzene	12.311	91	97914	13.412	ug/l	99
90) Hexachloroethane	12.518	117	18936	13.859	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	58106	15.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	6299	14.357	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	35100	13.154	ug/l	98
94) Hexachlorobutadiene	13.707	225	15646	13.979	ug/l	95
95) Naphthalene	13.755	128	90439	13.420	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	31967	13.189	ug/l	99

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

