

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048451.D
 Acq On : 03 Nov 2025 13:06
 Operator : JC/MD
 Sample : VX1103MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103MBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:12:01 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	5.538	168	161340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	223988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105398	45.424	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.840%			
35) Dibromofluoromethane	5.373	113	76368	59.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.600%			
50) Toluene-d8	8.635	98	295617	52.441	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.880%			
62) 4-Bromofluorobenzene	11.061	95	118736	56.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	26300	15.981	ug/l	94
3) Chloromethane	1.300	50	17721	19.085	ug/l	99
4) Vinyl Chloride	1.380	62	37797	17.622	ug/l	96
5) Bromomethane	1.617	94	15006	19.367	ug/l	100
6) Chloroethane	1.697	64	21679	16.995	ug/l	98
7) Trichlorofluoromethane	1.898	101	54958	16.720	ug/l	100
8) Diethyl Ether	2.136	74	19747	16.623	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33214	17.965	ug/l	94
10) Methyl Iodide	2.459	142	130314	17.529	ug/l	94
11) Tert butyl alcohol	2.934	59	15283	85.971	ug/l	98
12) 1,1-Dichloroethene	2.325	96	33055	17.602	ug/l	90
13) Acrolein	2.233	56	30866	83.183	ug/l	98
14) Allyl chloride	2.666	41	58058	18.256	ug/l	96
15) Acrylonitrile	3.056	53	66199	81.858	ug/l	99
16) Acetone	2.373	43	44599	84.807	ug/l	91
17) Carbon Disulfide	2.514	76	99185	18.420	ug/l	99
18) Methyl Acetate	2.697	43	32458	18.454	ug/l	92
19) Methyl tert-butyl Ether	3.105	73	104420	17.364	ug/l	100
20) Methylene Chloride	2.788	84	35759	17.640	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	32547	16.317	ug/l	96
22) Diisopropyl ether	3.751	45	111022	17.056	ug/l	96
23) Vinyl Acetate	3.715	43	405183	91.440	ug/l	98
24) 1,1-Dichloroethane	3.605	63	61635	16.684	ug/l	99
25) 2-Butanone	4.538	43	72604	86.422	ug/l	99
26) 2,2-Dichloropropane	4.465	77	55944	17.588	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	38948	16.361	ug/l	98
28) Bromochloromethane	4.879	49	29751	17.770	ug/l	96
29) Tetrahydrofuran	4.989	42	50285	84.048	ug/l	99
30) Chloroform	5.080	83	66461	17.489	ug/l	98
31) Cyclohexane	5.464	56	60035	18.722	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	63829	19.026	ug/l	99
36) 1,1-Dichloropropene	5.684	75	50585	23.588	ug/l	100
37) Ethyl Acetate	4.702	43	34089	18.657	ug/l	98
38) Carbon Tetrachloride	5.659	117	57680	23.295	ug/l	95
39) Methylcyclohexane	7.366	83	52756	19.130	ug/l	97
40) Benzene	6.025	78	154485	23.580	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	19921	21.646	ug/l	97
42) 1,2-Dichloroethane	6.068	62	53375	23.130	ug/l	97
43) Isopropyl Acetate	6.318	43	70139	23.252	ug/l	97
44) Trichloroethene	7.110	130	34514	20.107	ug/l	100
45) 1,2-Dichloropropane	7.415	63	33806	20.661	ug/l	99
46) Dibromomethane	7.568	93	24739	21.598	ug/l	98
47) Bromodichloromethane	7.805	83	53324	21.911	ug/l	99
48) Methyl methacrylate	7.677	41	32087	21.812	ug/l	98
49) 1,4-Dioxane	7.647	88	7111	425.291	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	182004	108.413	ug/l	100
52) Toluene	8.702	92	84831	20.722	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	49817	22.584	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	52482	22.083	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	31941	21.560	ug/l	96
56) Ethyl methacrylate	9.098	69	44929	20.711	ug/l	96
57) 1,3-Dichloropropane	9.293	76	54872	21.361	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	124981	102.430	ug/l	98
59) 2-Hexanone	9.415	43	120768	110.557	ug/l	99
60) Dibromochloromethane	9.506	129	40315	22.003	ug/l	99
61) 1,2-Dibromoethane	9.592	107	32705	21.339	ug/l	99
64) Tetrachloroethene	9.256	164	32003	19.582	ug/l	94
65) Chlorobenzene	10.061	112	93329	19.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33714	21.199	ug/l	99
67) Ethyl Benzene	10.177	91	158733	20.164	ug/l	98
68) m/p-Xylenes	10.287	106	123461	41.421	ug/l	99
69) o-Xylene	10.622	106	67759	23.789	ug/l	93
70) Styrene	10.640	104	116672	24.180	ug/l	98
71) Bromoform	10.780	173	27684	24.064	ug/l #	99
73) Isopropylbenzene	10.945	105	168907	22.252	ug/l	98
74) N-amyl acetate	10.823	43	57119	21.094	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.195	83	42977	22.353	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	33690m	22.827	ug/l	
77) Bromobenzene	11.183	156	43293	23.089	ug/l	93
78) n-propylbenzene	11.287	91	198442	22.119	ug/l	96
79) 2-Chlorotoluene	11.347	91	118633	22.024	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	144802	23.272	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	9547	22.386	ug/l #	77
82) 4-Chlorotoluene	11.439	91	141547	22.353	ug/l	94
83) tert-Butylbenzene	11.695	119	151072	23.849	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	150530	24.433	ug/l	100
85) sec-Butylbenzene	11.872	105	165802	21.006	ug/l	100
86) p-Isopropyltoluene	11.988	119	139558	20.914	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	71306	19.913	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	72735	19.943	ug/l	97
89) n-Butylbenzene	12.311	91	127825	20.403	ug/l	99
90) Hexachloroethane	12.518	117	24606	20.986	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	68098	20.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8008	21.270	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	45042	19.671	ug/l	100
94) Hexachlorobutadiene	13.707	225	19247	20.038	ug/l	99
95) Naphthalene	13.756	128	117687	20.350	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	41924	20.157	ug/l	98

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

