

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048486.D
 Acq On : 04 Nov 2025 16:22
 Operator : JC/MD
 Sample : VX1104MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 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 03:28:22 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	151980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115390	52.793	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.580%			
35) Dibromofluoromethane	5.373	113	71886	49.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	8.635	98	284321	44.241	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 88.480%#			
62) 4-Bromofluorobenzene	11.061	95	106762	44.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	30310	19.551	ug/l	94
3) Chloromethane	1.301	50	17434	19.932	ug/l	99
4) Vinyl Chloride	1.380	62	37669	18.644	ug/l	100
5) Bromomethane	1.624	94	11900	16.304	ug/l	94
6) Chloroethane	1.697	64	17070	14.206	ug/l	95
7) Trichlorofluoromethane	1.898	101	48310	15.603	ug/l	100
8) Diethyl Ether	2.136	74	17547	15.681	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	31882	18.306	ug/l	94
10) Methyl Iodide	2.459	142	127647	18.227	ug/l	93
11) Tert butyl alcohol	2.934	59	13181	78.713	ug/l	99
12) 1,1-Dichloroethene	2.325	96	32699	18.485	ug/l	87
13) Acrolein	2.239	56	26615	76.144	ug/l	96
14) Allyl chloride	2.666	41	53051	17.709	ug/l	94
15) Acrylonitrile	3.056	53	70763	92.890	ug/l	98
16) Acetone	2.373	43	55596	112.229	ug/l	100
17) Carbon Disulfide	2.520	76	92548	18.246	ug/l	98
18) Methyl Acetate	2.697	43	28655	17.295	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	113247	19.991	ug/l	99
20) Methylene Chloride	2.794	84	39431	20.649	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	36306	19.322	ug/l	98
22) Diisopropyl ether	3.751	45	119704	19.522	ug/l	96
23) Vinyl Acetate	3.715	43	425688	101.984	ug/l	98
24) 1,1-Dichloroethane	3.605	63	66363	19.070	ug/l	99
25) 2-Butanone	4.538	43	83664	105.720	ug/l	99
26) 2,2-Dichloropropane	4.465	77	60353	20.143	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	43118	19.228	ug/l	99
28) Bromochloromethane	4.885	49	31786	20.155	ug/l	92
29) Tetrahydrofuran	4.989	42	50594	89.773	ug/l	93
30) Chloroform	5.080	83	70829	19.786	ug/l	90
31) Cyclohexane	5.458	56	54184	17.938	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	64931	20.546	ug/l	99
36) 1,1-Dichloropropene	5.684	75	47470	19.416	ug/l	99
37) Ethyl Acetate	4.696	43	40898	19.634	ug/l	98
38) Carbon Tetrachloride	5.666	117	54559	19.328	ug/l	98
39) Methylcyclohexane	7.366	83	53519	17.022	ug/l	96
40) Benzene	6.025	78	144657	19.368	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20229	19.281	ug/l	95
42) 1,2-Dichloroethane	6.074	62	55898	21.247	ug/l	99
43) Isopropyl Acetate	6.324	43	67768	19.706	ug/l	98
44) Trichloroethene	7.110	130	37728	19.280	ug/l	100
45) 1,2-Dichloropropane	7.409	63	35178	18.859	ug/l	98
46) Dibromomethane	7.568	93	26665	20.420	ug/l	98
47) Bromodichloromethane	7.805	83	52828	19.041	ug/l	96
48) Methyl methacrylate	7.677	41	33808	20.159	ug/l	96
49) 1,4-Dioxane	7.641	88	4845	254.172	ug/l #	75
51) 4-Methyl-2-Pentanone	8.555	43	160483	83.851	ug/l	94
52) Toluene	8.702	92	85443	18.307	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	46535	18.504	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	51116	18.866	ug/l #	89
55) 1,1,2-Trichloroethane	9.134	97	32715	19.370	ug/l	94
56) Ethyl methacrylate	9.098	69	47043	19.022	ug/l #	88
57) 1,3-Dichloropropane	9.293	76	56145	19.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	122237	89.195	ug/l	94
59) 2-Hexanone	9.415	43	119603	96.041	ug/l	94
60) Dibromochloromethane	9.506	129	41473	19.855	ug/l	99
61) 1,2-Dibromoethane	9.592	107	34323	19.644	ug/l	98
64) Tetrachloroethene	9.256	164	33762	18.303	ug/l	96
65) Chlorobenzene	10.061	112	102083	19.345	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	34754	19.362	ug/l	98
67) Ethyl Benzene	10.177	91	166461	18.735	ug/l	97
68) m/p-Xylenes	10.287	106	129335	38.445	ug/l	94
69) o-Xylene	10.622	106	58524	18.205	ug/l	98
70) Styrene	10.640	104	103521	19.009	ug/l	98
71) Bromoform	10.781	173	25247	19.443	ug/l #	99
73) Isopropylbenzene	10.945	105	151212	18.709	ug/l	99
74) N-amyl acetate	10.823	43	53293	18.484	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.195	83	38451	18.782	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	29468m	18.752	ug/l	
77) Bromobenzene	11.177	156	40531	20.301	ug/l	90
78) n-propylbenzene	11.287	91	173210	18.132	ug/l	97
79) 2-Chlorotoluene	11.347	91	107350	18.717	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	124696	18.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	8799	19.377	ug/l	91
82) 4-Chlorotoluene	11.433	91	126422	18.750	ug/l	96
83) tert-Butylbenzene	11.695	119	125171	18.558	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	125801	19.177	ug/l	98
85) sec-Butylbenzene	11.872	105	153506	18.265	ug/l	100
86) p-Isopropyltoluene	11.994	119	132427	18.639	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	74873	19.637	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	75963	19.561	ug/l	100
89) n-Butylbenzene	12.311	91	118152	17.712	ug/l	97
90) Hexachloroethane	12.518	117	22701	18.183	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	72211	20.437	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7837	19.550	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	43354	17.782	ug/l	97
94) Hexachlorobutadiene	13.707	225	16973	16.596	ug/l	97
95) Naphthalene	13.756	128	106278	17.259	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	35557	16.055	ug/l	100

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

