

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048075.D
 Acq On : 09 Oct 2025 10:52
 Operator : JC/MD
 Sample : VX1009MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:17:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	122563	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	218836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	102956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	113581	58.220	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.440%			
35) Dibromofluoromethane	5.373	113	88802	60.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.020%			
50) Toluene-d8	8.629	98	294091	57.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.820%#			
62) 4-Bromofluorobenzene	11.061	95	113942	59.120	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	20900	16.468	ug/l	98
3) Chloromethane	1.301	50	25136	15.069	ug/l	100
4) Vinyl Chloride	1.380	62	27802	17.027	ug/l	99
5) Bromomethane	1.618	94	20069	19.383	ug/l	95
6) Chloroethane	1.697	64	19709	18.060	ug/l	89
7) Trichlorofluoromethane	1.898	101	46009	18.978	ug/l	97
8) Diethyl Ether	2.136	74	18512	18.666	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	27134	19.141	ug/l	98
10) Methyl Iodide	2.459	142	27316	12.355	ug/l	96
11) Tert butyl alcohol	2.935	59	16060	73.915	ug/l	96
12) 1,1-Dichloroethene	2.325	96	26049	17.889	ug/l	98
13) Acrolein	2.233	56	17870	89.250	ug/l	95
14) Allyl chloride	2.666	41	52019	17.312	ug/l	99
15) Acrylonitrile	3.056	53	76544	95.108	ug/l	99
16) Acetone	2.374	43	78437	92.469	ug/l	99
17) Carbon Disulfide	2.514	76	59091	14.823	ug/l	97
18) Methyl Acetate	2.697	43	38032	20.146	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	103201	19.414	ug/l	99
20) Methylene Chloride	2.788	84	35078	19.536	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	29053	18.532	ug/l	95
22) Diisopropyl ether	3.745	45	119721	20.558	ug/l	86
23) Vinyl Acetate	3.709	43	439310	94.256	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61160	19.759	ug/l	100
25) 2-Butanone	4.538	43	93560	88.423	ug/l	100
26) 2,2-Dichloropropane	4.465	77	51258	19.922	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	38598	20.103	ug/l	99
28) Bromochloromethane	4.885	49	29888	22.118	ug/l	100
29) Tetrahydrofuran	4.989	42	53424	83.931	ug/l	99
30) Chloroform	5.074	83	68533	21.911	ug/l	97
31) Cyclohexane	5.452	56	41839	16.230	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	54018	20.361	ug/l	99
36) 1,1-Dichloropropene	5.678	75	39006	18.188	ug/l	99
37) Ethyl Acetate	4.690	43	38468	16.753	ug/l	99
38) Carbon Tetrachloride	5.660	117	45315	19.448	ug/l	94
39) Methylcyclohexane	7.367	83	39487	16.221	ug/l	90
40) Benzene	6.025	78	125753	19.306	ug/l	97

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41) Methacrylonitrile	4.904	41	21906	18.479	ug/l	99
42) 1,2-Dichloroethane	6.068	62	50580	20.409	ug/l	100
43) Isopropyl Acetate	6.318	43	68416	18.167	ug/l	99
44) Trichloroethene	7.105	130	30750	19.527	ug/l	97
45) 1,2-Dichloropropane	7.409	63	35344	21.191	ug/l	100
46) Dibromomethane	7.562	93	24323	20.040	ug/l	98
47) Bromodichloromethane	7.806	83	54689	21.836	ug/l	100
48) Methyl methacrylate	7.678	41	32743	17.455	ug/l	98
49) 1,4-Dioxane	7.641	88	7395	390.084	ug/l	92
51) 4-Methyl-2-Pentanone	8.556	43	199222	95.413	ug/l	97
52) Toluene	8.702	92	79578	19.830	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	51128	20.013	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	55819	20.442	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	33714	21.788	ug/l	97
56) Ethyl methacrylate	9.098	69	44805	18.437	ug/l	98
57) 1,3-Dichloropropane	9.293	76	56510	21.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	110157	101.916	ug/l	99
59) 2-Hexanone	9.415	43	136528	91.043	ug/l	100
60) Dibromochloromethane	9.507	129	39660	22.244	ug/l	96
61) 1,2-Dibromoethane	9.592	107	32840	20.836	ug/l	100
64) Tetrachloroethene	9.257	164	25083	19.131	ug/l	95
65) Chlorobenzene	10.061	112	90054	19.709	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	33046	20.959	ug/l	98
67) Ethyl Benzene	10.177	91	150145	19.045	ug/l	98
68) m/p-Xylenes	10.281	106	112562	38.359	ug/l	100
69) o-Xylene	10.622	106	54559	19.223	ug/l	100
70) Styrene	10.640	104	97562	19.617	ug/l	99
71) Bromoform	10.781	173	24312	20.650	ug/l #	99
73) Isopropylbenzene	10.945	105	142932	18.261	ug/l	100
74) N-amyl acetate	10.823	43	58240	16.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	45964	19.409	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	40268m	19.317	ug/l	
77) Bromobenzene	11.177	156	37206	19.299	ug/l	95
78) n-propylbenzene	11.287	91	171292	18.512	ug/l	99
79) 2-Chlorotoluene	11.348	91	106128	18.727	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	119908	18.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	13078	15.999	ug/l	98
82) 4-Chlorotoluene	11.433	91	127578	19.061	ug/l	100
83) tert-Butylbenzene	11.695	119	123653	18.783	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	120320	18.454	ug/l	100
85) sec-Butylbenzene	11.872	105	147034	18.804	ug/l	99
86) p-Isopropyltoluene	11.988	119	120745	18.240	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	68531	19.139	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69706	18.967	ug/l	97
89) n-Butylbenzene	12.311	91	112520	18.369	ug/l	97
90) Hexachloroethane	12.518	117	23193	19.955	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	66355	19.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7869	16.412	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	39629	17.874	ug/l	98
94) Hexachlorobutadiene	13.707	225	13710	18.205	ug/l	97
95) Naphthalene	13.756	128	110098	16.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	37837	18.346	ug/l	99

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

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