

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046964.D
 Acq On : 14 Jul 2025 11:39
 Operator : JC/MD
 Sample : VX0714MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBS01

Quant Time: Jul 15 01:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	309393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	505368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	219792	53.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.540%			
35) Dibromofluoromethane	5.397	113	182042	53.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.140%			
50) Toluene-d8	8.653	98	617572	51.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	247407	53.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	52904	17.880	ug/l	98
3) Chloromethane	1.307	50	53552	16.565	ug/l	98
4) Vinyl Chloride	1.386	62	64273	18.257	ug/l	98
5) Bromomethane	1.624	94	41410	18.307	ug/l	96
6) Chloroethane	1.703	64	44274	19.046	ug/l	100
7) Trichlorofluoromethane	1.904	101	102934	18.910	ug/l	96
8) Diethyl Ether	2.148	74	39339	20.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	67961	19.593	ug/l	98
10) Methyl Iodide	2.471	142	49592	13.123	ug/l	97
11) Tert butyl alcohol	2.959	59	44196	164.866	ug/l	99
12) 1,1-Dichloroethene	2.337	96	63788	19.013	ug/l	94
13) Acrolein	2.252	56	24535	84.722	ug/l	100
14) Allyl chloride	2.678	41	119999	20.090	ug/l	99
15) Acrylonitrile	3.075	53	186856	120.561	ug/l	100
16) Acetone	2.386	43	143314	112.879	ug/l	97
17) Carbon Disulfide	2.526	76	143585	16.320	ug/l	100
18) Methyl Acetate	2.715	43	98466	29.424	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	218604	23.074	ug/l	97
20) Methylene Chloride	2.806	84	73890	19.681	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	65127	18.971	ug/l	99
22) Diisopropyl ether	3.776	45	250741	21.729	ug/l	95
23) Vinyl Acetate	3.733	43	959121	110.941	ug/l	100
24) 1,1-Dichloroethane	3.629	63	132990	20.207	ug/l	99
25) 2-Butanone	4.562	43	229218	135.318	ug/l	98
26) 2,2-Dichloropropane	4.489	77	99334	20.281	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	83826	19.999	ug/l	98
28) Bromochloromethane	4.916	49	67969	20.926	ug/l	99
29) Tetrahydrofuran	5.013	42	141462	131.007	ug/l	99
30) Chloroform	5.105	83	139011	20.675	ug/l	93
31) Cyclohexane	5.489	56	110275	18.874	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	116434	20.728	ug/l	99
36) 1,1-Dichloropropene	5.702	75	87300	18.862	ug/l	98
37) Ethyl Acetate	4.727	43	90567	22.974	ug/l	99
38) Carbon Tetrachloride	5.690	117	98502	20.130	ug/l	100
39) Methylcyclohexane	7.385	83	108034	18.660	ug/l	98
40) Benzene	6.050	78	279759	19.984	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52777	25.097	ug/l	98
42) 1,2-Dichloroethane	6.092	62	101992	21.455	ug/l	98
43) Isopropyl Acetate	6.348	43	151536	25.097	ug/l	100
44) Trichloroethene	7.129	130	68614	18.828	ug/l	83
45) 1,2-Dichloropropane	7.434	63	72475	20.491	ug/l	98
46) Dibromomethane	7.586	93	51263	20.918	ug/l	98
47) Bromodichloromethane	7.824	83	110223	21.064	ug/l	99
48) Methyl methacrylate	7.696	41	75792	24.310	ug/l	97
49) 1,4-Dioxane	7.671	88	20198	559.109	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	484935	136.083	ug/l	99
52) Toluene	8.720	92	174555	20.121	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101181	21.666	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	111702	20.956	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	69973	21.655	ug/l	98
56) Ethyl methacrylate	9.116	69	107308	23.994	ug/l	100
57) 1,3-Dichloropropane	9.311	76	120500	21.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	276763	109.831	ug/l	99
59) 2-Hexanone	9.433	43	334106	141.350	ug/l	98
60) Dibromochloromethane	9.518	129	82423	21.315	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70901	21.848	ug/l	99
64) Tetrachloroethene	9.275	164	57848	18.928	ug/l	98
65) Chlorobenzene	10.079	112	197236	19.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	69127	20.721	ug/l	100
67) Ethyl Benzene	10.195	91	340821	20.054	ug/l	98
68) m/p-Xylenes	10.299	106	257857	40.264	ug/l	100
69) o-Xylene	10.640	106	123760	20.006	ug/l	98
70) Styrene	10.652	104	219480	20.737	ug/l	99
71) Bromoform	10.799	173	52708	21.248	ug/l	97
73) Isopropylbenzene	10.963	105	336379	20.645	ug/l	98
74) N-amyl acetate	10.841	43	136795	24.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	104811	23.394	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81975m	22.890	ug/l	
77) Bromobenzene	11.195	156	82048	20.217	ug/l	98
78) n-propylbenzene	11.305	91	392430	19.975	ug/l	99
79) 2-Chlorotoluene	11.366	91	235145	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	277102	20.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29231	21.903	ug/l	95
82) 4-Chlorotoluene	11.451	91	280425	20.948	ug/l	99
83) tert-Butylbenzene	11.713	119	282161	20.636	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	279933	20.920	ug/l	99
85) sec-Butylbenzene	11.890	105	355079	20.596	ug/l	100
86) p-Isopropyltoluene	12.006	119	296166	20.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153939	20.282	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	156569	19.821	ug/l	98
89) n-Butylbenzene	12.329	91	273441	20.158	ug/l	99
90) Hexachloroethane	12.536	117	50198	19.614	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	148816	20.233	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20307	25.915	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	100560	20.125	ug/l	99
94) Hexachlorobutadiene	13.719	225	36644	19.446	ug/l	98
95) Naphthalene	13.774	128	305276	23.185	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96552	20.450	ug/l	98

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

