

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046953.D
 Acq On : 10 Jul 2025 18:16
 Operator : JC/MD
 Sample : VX0710MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Quant Time: Jul 11 01:35:42 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 : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	334978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	561587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	262771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	232199	52.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.940%			
35) Dibromofluoromethane	5.397	113	196044	51.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	8.647	98	674102	50.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.079	95	271347	53.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	54179	16.912	ug/l	99
3) Chloromethane	1.307	50	57993	16.569	ug/l	97
4) Vinyl Chloride	1.386	62	65262	17.122	ug/l	97
5) Bromomethane	1.624	94	26370	10.767	ug/l	96
6) Chloroethane	1.703	64	54169m	21.522	ug/l	
7) Trichlorofluoromethane	1.904	101	105619	17.921	ug/l	100
8) Diethyl Ether	2.148	74	38821	18.510	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	68251	18.174	ug/l	100
10) Methyl Iodide	2.471	142	47487	11.607	ug/l	97
11) Tert butyl alcohol	2.953	59	35010	120.625	ug/l	99
12) 1,1-Dichloroethene	2.337	96	64167	17.665	ug/l	98
13) Acrolein	2.245	56	13159	43.399	ug/l	100
14) Allyl chloride	2.678	41	117922	18.234	ug/l	99
15) Acrylonitrile	3.075	53	171704	102.323	ug/l	99
16) Acetone	2.386	43	131825	95.899	ug/l	100
17) Carbon Disulfide	2.532	76	163300	17.143	ug/l	99
18) Methyl Acetate	2.715	43	87300	24.095	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	212374	20.704	ug/l	97
20) Methylene Chloride	2.800	84	76799	18.894	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	66673	17.938	ug/l	95
22) Diisopropyl ether	3.770	45	253043	20.253	ug/l	93
23) Vinyl Acetate	3.733	43	943534	100.803	ug/l	100
24) 1,1-Dichloroethane	3.629	63	135495	19.016	ug/l	99
25) 2-Butanone	4.568	43	205157	111.864	ug/l	97
26) 2,2-Dichloropropane	4.489	77	87680	16.534	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85161	18.766	ug/l	99
28) Bromochloromethane	4.916	49	76698	21.810	ug/l	99
29) Tetrahydrofuran	5.013	42	129738	110.972	ug/l	99
30) Chloroform	5.105	83	140249	19.266	ug/l	98
31) Cyclohexane	5.483	56	118031	18.659	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	114216	18.780	ug/l	98
36) 1,1-Dichloropropene	5.702	75	91829	17.854	ug/l	98
37) Ethyl Acetate	4.733	43	81066	18.505	ug/l	99
38) Carbon Tetrachloride	5.690	117	98074	18.036	ug/l	99
39) Methylcyclohexane	7.385	83	108440	16.855	ug/l	92
40) Benzene	6.050	78	288051	18.516	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	51391	21.992	ug/l	98
42) 1,2-Dichloroethane	6.092	62	100813	19.084	ug/l	99
43) Isopropyl Acetate	6.348	43	141108	21.030	ug/l	99
44) Trichloroethene	7.129	130	72255	17.843	ug/l	100
45) 1,2-Dichloropropane	7.433	63	73000	18.573	ug/l	98
46) Dibromomethane	7.586	93	50552	18.563	ug/l	98
47) Bromodichloromethane	7.824	83	110667	19.032	ug/l	100
48) Methyl methacrylate	7.696	41	71966	20.772	ug/l	98
49) 1,4-Dioxane	7.659	88	19176	477.679	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	439602	111.012	ug/l	99
52) Toluene	8.720	92	180698	18.744	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	93318	17.982	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	108686	18.349	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	69967	19.486	ug/l	98
56) Ethyl methacrylate	9.116	69	101894	20.503	ug/l	98
57) 1,3-Dichloropropane	9.311	76	121110	19.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	286814	102.426	ug/l	99
59) 2-Hexanone	9.427	43	296793	112.994	ug/l	99
60) Dibromochloromethane	9.518	129	82981	19.311	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70537	19.560	ug/l	99
64) Tetrachloroethene	9.275	164	61358	18.164	ug/l	96
65) Chlorobenzene	10.079	112	206334	18.811	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	70082	19.006	ug/l	100
67) Ethyl Benzene	10.195	91	346968	18.471	ug/l	100
68) m/p-Xylenes	10.299	106	266991	37.719	ug/l	99
69) o-Xylene	10.640	106	128163	18.744	ug/l	99
70) Styrene	10.652	104	222425	19.014	ug/l	98
71) Bromoform	10.799	173	53135	19.380	ug/l #	99
73) Isopropylbenzene	10.963	105	348297	18.855	ug/l	99
74) N-amyl acetate	10.841	43	129324	20.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	102286	20.138	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79898m	19.678	ug/l	
77) Bromobenzene	11.195	156	83586	18.166	ug/l	97
78) n-propylbenzene	11.305	91	405899	18.223	ug/l	100
79) 2-Chlorotoluene	11.360	91	242910	18.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	281421	18.750	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24286	16.051	ug/l	96
82) 4-Chlorotoluene	11.451	91	287878	18.968	ug/l	100
83) tert-Butylbenzene	11.713	119	289473	18.673	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	286255	18.869	ug/l	95
85) sec-Butylbenzene	11.890	105	352912	18.056	ug/l	100
86) p-Isopropyltoluene	12.006	119	296748	18.130	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161017	18.712	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	162180	18.109	ug/l	99
89) n-Butylbenzene	12.329	91	270585	17.594	ug/l	99
90) Hexachloroethane	12.536	117	47072	16.223	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	156080	18.717	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18059	20.328	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	97168	17.152	ug/l	97
94) Hexachlorobutadiene	13.725	225	33553	15.705	ug/l	99
95) Naphthalene	13.774	128	292160	19.571	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	95854	17.908	ug/l	98

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

