

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046880.D
 Acq On : 03 Jul 2025 12:27
 Operator : JC/MD
 Sample : VX0703MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703MBS01

Quant Time: Jul 04 01:30:25 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 07/07/2025
 Supervised By : Mahesh Dadoda 07/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	344622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	568094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	523954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	265447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	231680	50.887	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.780%			
35) Dibromofluoromethane	5.397	113	193185	50.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.647	98	691685	50.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	272535	52.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61050	18.523	ug/l	94
3) Chloromethane	1.307	50	66990	18.604	ug/l	92
4) Vinyl Chloride	1.386	62	71427	18.215	ug/l	99
5) Bromomethane	1.630	94	48222	19.139	ug/l	99
6) Chloroethane	1.703	64	45266	17.482	ug/l	98
7) Trichlorofluoromethane	1.904	101	112415	18.540	ug/l	100
8) Diethyl Ether	2.148	74	40381	18.715	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	71170	18.421	ug/l	99
10) Methyl Iodide	2.471	142	74015	17.584	ug/l	98
11) Tert butyl alcohol	2.953	59	26720	89.486	ug/l	99
12) 1,1-Dichloroethene	2.337	96	69073	18.484	ug/l	99
13) Acrolein	2.252	56	30706	94.842	ug/l	100
14) Allyl chloride	2.678	41	120701	18.142	ug/l	99
15) Acrylonitrile	3.075	53	162325	94.027	ug/l	100
16) Acetone	2.386	43	122534	86.646	ug/l	92
17) Carbon Disulfide	2.532	76	163245	16.657	ug/l	99
18) Methyl Acetate	2.715	43	75033	20.130	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	209495	19.852	ug/l	98
20) Methylene Chloride	2.806	84	79399	18.987	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	72469	18.952	ug/l	95
22) Diisopropyl ether	3.770	45	257778	20.055	ug/l	90
23) Vinyl Acetate	3.733	43	919130	95.448	ug/l	100
24) 1,1-Dichloroethane	3.623	63	140256	19.133	ug/l	98
25) 2-Butanone	4.562	43	185443	98.285	ug/l	99
26) 2,2-Dichloropropane	4.489	77	95595	17.522	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	89465	19.163	ug/l	99
28) Bromochloromethane	4.910	49	71197	19.679	ug/l	99
29) Tetrahydrofuran	5.013	42	119310	99.197	ug/l	99
30) Chloroform	5.105	83	145858	19.476	ug/l	98
31) Cyclohexane	5.483	56	125303	19.254	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	117024	18.703	ug/l	98
36) 1,1-Dichloropropene	5.702	75	102018	19.608	ug/l	99
37) Ethyl Acetate	4.721	43	77271	17.437	ug/l	97
38) Carbon Tetrachloride	5.684	117	104096	18.924	ug/l	97
39) Methylcyclohexane	7.385	83	121423	18.657	ug/l	99
40) Benzene	6.050	78	305621	19.421	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46707	19.758	ug/l	99
42) 1,2-Dichloroethane	6.098	62	103834	19.431	ug/l	99
43) Isopropyl Acetate	6.348	43	132127	19.466	ug/l	99
44) Trichloroethene	7.135	130	76329	18.633	ug/l	96
45) 1,2-Dichloropropane	7.434	63	77059	19.381	ug/l	99
46) Dibromomethane	7.586	93	52088	18.908	ug/l	97
47) Bromodichloromethane	7.824	83	111556	18.965	ug/l	98
48) Methyl methacrylate	7.696	41	68468	19.536	ug/l	99
49) 1,4-Dioxane	7.665	88	15057	370.778	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	407718	101.781	ug/l	99
52) Toluene	8.720	92	192271	19.716	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	95466	18.185	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	111714	18.644	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72649	20.001	ug/l	99
56) Ethyl methacrylate	9.116	69	99960	19.883	ug/l	97
57) 1,3-Dichloropropane	9.311	76	125538	20.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	271204	95.742	ug/l	100
59) 2-Hexanone	9.427	43	272847	102.687	ug/l	97
60) Dibromochloromethane	9.519	129	81975	18.858	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72231	19.800	ug/l	98
64) Tetrachloroethene	9.275	164	66522	19.069	ug/l	93
65) Chlorobenzene	10.079	112	215360	19.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72525	19.045	ug/l	98
67) Ethyl Benzene	10.195	91	371795	19.165	ug/l	98
68) m/p-Xylenes	10.299	106	285090	38.999	ug/l	99
69) o-Xylene	10.640	106	135785	19.229	ug/l	99
70) Styrene	10.652	104	238702	19.758	ug/l	99
71) Bromoform	10.799	173	49645	17.533	ug/l #	99
73) Isopropylbenzene	10.957	105	364725	19.546	ug/l	100
74) N-amyl acetate	10.841	43	122603	19.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99380	19.368	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78898m	19.236	ug/l	
77) Bromobenzene	11.195	156	89387	19.231	ug/l	100
78) n-propylbenzene	11.299	91	433025	19.245	ug/l	98
79) 2-Chlorotoluene	11.360	91	256062	19.273	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	297489	19.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25411	16.626	ug/l	92
82) 4-Chlorotoluene	11.451	91	301940	19.694	ug/l	100
83) tert-Butylbenzene	11.713	119	304572	19.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301575	19.678	ug/l	96
85) sec-Butylbenzene	11.890	105	376599	19.074	ug/l	100
86) p-Isopropyltoluene	12.006	119	312169	18.880	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	171845	19.769	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	171231	18.927	ug/l	99
89) n-Butylbenzene	12.329	91	287002	18.473	ug/l	99
90) Hexachloroethane	12.536	117	49822	16.998	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164307	19.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15924	17.744	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	107226	18.737	ug/l	99
94) Hexachlorobutadiene	13.725	225	37603	17.423	ug/l	99
95) Naphthalene	13.774	128	297811	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	99246	18.354	ug/l	96

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

