

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047007.D
 Acq On : 15 Jul 2025 17:06
 Operator : JC/MD
 Sample : VX0715MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:30:13 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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	310444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221056	53.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.397	113	180158	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.653	98	613762	48.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.079	95	247726	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50624	17.051	ug/l	96
3) Chloromethane	1.307	50	55529	17.119	ug/l	100
4) Vinyl Chloride	1.386	62	62621	17.728	ug/l	95
5) Bromomethane	1.624	94	41941	18.479	ug/l	98
6) Chloroethane	1.703	64	43972	18.852	ug/l	96
7) Trichlorofluoromethane	1.904	101	103643	18.976	ug/l	92
8) Diethyl Ether	2.148	74	38968	20.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	65726	18.885	ug/l	98
10) Methyl Iodide	2.471	142	52612	13.876	ug/l	100
11) Tert butyl alcohol	2.965	59	46075	171.294	ug/l	100
12) 1,1-Dichloroethene	2.337	96	62880	18.679	ug/l	98
13) Acrolein	2.251	56	23837	82.123	ug/l	97
14) Allyl chloride	2.678	41	121840	20.329	ug/l	98
15) Acrylonitrile	3.074	53	195273	125.565	ug/l	99
16) Acetone	2.392	43	158267	124.234	ug/l	95
17) Carbon Disulfide	2.532	76	131949	14.946	ug/l	97
18) Methyl Acetate	2.715	43	105599	31.449	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	226641	23.841	ug/l	99
20) Methylene Chloride	2.806	84	76230	20.236	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	66391	19.274	ug/l	96
22) Diisopropyl ether	3.769	45	259676	22.427	ug/l #	84
23) Vinyl Acetate	3.733	43	994586	114.654	ug/l	99
24) 1,1-Dichloroethane	3.623	63	133612	20.233	ug/l	98
25) 2-Butanone	4.568	43	237692	139.846	ug/l	97
26) 2,2-Dichloropropane	4.489	77	86252	17.550	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85137	20.243	ug/l	100
28) Bromochloromethane	4.916	49	70239	21.552	ug/l	97
29) Tetrahydrofuran	5.019	42	152661	140.899	ug/l	99
30) Chloroform	5.111	83	140047	20.759	ug/l	96
31) Cyclohexane	5.483	56	109369	18.656	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	117504	20.847	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90374	18.677	ug/l	99
37) Ethyl Acetate	4.727	43	94504	22.931	ug/l	98
38) Carbon Tetrachloride	5.690	117	97550	19.069	ug/l	98
39) Methylcyclohexane	7.385	83	100843	16.660	ug/l	95
40) Benzene	6.043	78	279584	19.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	54774	24.914	ug/l	98
42) 1,2-Dichloroethane	6.098	62	104810	21.089	ug/l	97
43) Isopropyl Acetate	6.348	43	162099	25.679	ug/l	99
44) Trichloroethene	7.135	130	68457	17.968	ug/l	93
45) 1,2-Dichloropropane	7.433	63	73300	19.823	ug/l	92
46) Dibromomethane	7.586	93	53191	20.761	ug/l	98
47) Bromodichloromethane	7.824	83	111412	20.366	ug/l	97
48) Methyl methacrylate	7.696	41	83091	25.492	ug/l	96
49) 1,4-Dioxane	7.665	88	21863	578.886	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	516323	138.592	ug/l	99
52) Toluene	8.720	92	179542	19.797	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	97384	19.947	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	109998	19.739	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	72450	21.447	ug/l	96
56) Ethyl methacrylate	9.116	69	112348	24.029	ug/l	98
57) 1,3-Dichloropropane	9.311	76	123372	21.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	264524	100.410	ug/l	99
59) 2-Hexanone	9.433	43	357652	144.733	ug/l	98
60) Dibromochloromethane	9.518	129	81124	20.067	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71104	20.958	ug/l	96
64) Tetrachloroethene	9.275	164	56757	18.097	ug/l	93
65) Chlorobenzene	10.079	112	199501	19.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69339	20.253	ug/l	99
67) Ethyl Benzene	10.195	91	346071	19.843	ug/l	100
68) m/p-Xylenes	10.299	106	258759	39.373	ug/l	97
69) o-Xylene	10.640	106	126247	19.887	ug/l	98
70) Styrene	10.652	104	221785	20.420	ug/l	98
71) Bromoform	10.799	173	53510	21.021	ug/l #	98
73) Isopropylbenzene	10.963	105	338957	20.174	ug/l	100
74) N-amyl acetate	10.841	43	145837	25.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108923	23.576	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85192m	23.068	ug/l	
77) Bromobenzene	11.195	156	82862	19.799	ug/l	96
78) n-propylbenzene	11.305	91	403359	19.910	ug/l	99
79) 2-Chlorotoluene	11.366	91	243601	20.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	280552	20.550	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28681	20.841	ug/l	93
82) 4-Chlorotoluene	11.451	91	284304	20.595	ug/l	100
83) tert-Butylbenzene	11.713	119	285636	20.257	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	283980	20.580	ug/l	95
85) sec-Butylbenzene	11.890	105	357652	20.118	ug/l	99
86) p-Isopropyltoluene	12.006	119	291042	19.549	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	156922	20.049	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	156512	19.214	ug/l	98
89) n-Butylbenzene	12.329	91	267548	19.126	ug/l	99
90) Hexachloroethane	12.536	117	49305	18.682	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	150962	19.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20644	25.547	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	100068	19.420	ug/l	99
94) Hexachlorobutadiene	13.719	225	34692	17.853	ug/l	99
95) Naphthalene	13.774	128	318027	23.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96852	19.893	ug/l	97

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

