

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046529.D
 Acq On : 06 Jun 2025 15:51
 Operator : JC/MD
 Sample : VX0606MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:58:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	83485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75366	50.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	5.397	113	53663	49.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.653	98	174974	49.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	74768	51.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	18939	16.340	ug/l	100
3) Chloromethane	1.307	50	17280	16.380	ug/l	99
4) Vinyl Chloride	1.386	62	17334	16.483	ug/l	95
5) Bromomethane	1.624	94	11706	18.335	ug/l	95
6) Chloroethane	1.703	64	11484	16.830	ug/l	97
7) Trichlorofluoromethane	1.904	101	29757	17.102	ug/l	96
8) Diethyl Ether	2.148	74	11066	18.000	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	18700	17.058	ug/l	97
10) Methyl Iodide	2.465	142	21422	18.026	ug/l	99
11) Tert butyl alcohol	2.965	59	17690	107.335	ug/l	99
12) 1,1-Dichloroethene	2.331	96	16763	16.912	ug/l	96
13) Acrolein	2.252	56	18086	109.849	ug/l	98
14) Allyl chloride	2.678	41	33807	17.367	ug/l	94
15) Acrylonitrile	3.075	53	64111	102.883	ug/l	99
16) Acetone	2.392	43	59742	105.141	ug/l	99
17) Carbon Disulfide	2.526	76	35404	16.957	ug/l	97
18) Methyl Acetate	2.715	43	39092	22.096	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	66417	19.150	ug/l	100
20) Methylene Chloride	2.800	84	20617	17.302	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	17308	16.501	ug/l	95
22) Diisopropyl ether	3.776	45	72995	19.020	ug/l #	75
23) Vinyl Acetate	3.739	43	280079	94.525	ug/l	100
24) 1,1-Dichloroethane	3.623	63	37833	17.688	ug/l	98
25) 2-Butanone	4.568	43	87698	106.066	ug/l	98
26) 2,2-Dichloropropane	4.483	77	27034	17.025	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	22738	17.609	ug/l	96
28) Bromochloromethane	4.916	49	19783	19.392	ug/l	97
29) Tetrahydrofuran	5.019	42	56975	109.112	ug/l	96
30) Chloroform	5.105	83	42067	18.770	ug/l	98
31) Cyclohexane	5.489	56	30237	17.511	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	33713	17.586	ug/l	98
36) 1,1-Dichloropropene	5.702	75	25115	16.377	ug/l	99
37) Ethyl Acetate	4.727	43	32362	21.621	ug/l	98
38) Carbon Tetrachloride	5.684	117	28893	16.821	ug/l	95
39) Methylcyclohexane	7.385	83	28528	15.760	ug/l	96
40) Benzene	6.050	78	76286	17.670	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18730	20.151	ug/l	97
42) 1,2-Dichloroethane	6.092	62	33803	18.820	ug/l	99
43) Isopropyl Acetate	6.348	43	52654	20.179	ug/l	99
44) Trichloroethene	7.129	130	18279	16.663	ug/l	92
45) 1,2-Dichloropropane	7.434	63	20611	18.496	ug/l	100
46) Dibromomethane	7.586	93	15795	18.841	ug/l	99
47) Bromodichloromethane	7.824	83	32367	18.777	ug/l	98
48) Methyl methacrylate	7.702	41	26689	19.879	ug/l	97
49) 1,4-Dioxane	7.671	88	7871	438.409	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	181742	109.605	ug/l	99
52) Toluene	8.720	92	47399	17.871	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28381	18.363	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	31025	18.055	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	20900	19.628	ug/l	98
56) Ethyl methacrylate	9.116	69	32732	19.976	ug/l	97
57) 1,3-Dichloropropane	9.311	76	36173	19.224	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	95479	106.979	ug/l	99
59) 2-Hexanone	9.433	43	132589	111.494	ug/l	99
60) Dibromochloromethane	9.525	129	23231	18.548	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21002	18.928	ug/l	99
64) Tetrachloroethene	9.275	164	14773	16.704	ug/l	97
65) Chlorobenzene	10.079	112	54108	17.395	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19624	18.670	ug/l	99
67) Ethyl Benzene	10.195	91	94760	17.451	ug/l	99
68) m/p-Xylenes	10.299	106	70095	35.585	ug/l	99
69) o-Xylene	10.640	106	34183	17.941	ug/l	99
70) Styrene	10.659	104	60138	18.439	ug/l	99
71) Bromoform	10.799	173	14610	18.229	ug/l #	94
73) Isopropylbenzene	10.963	105	93833	17.861	ug/l	100
74) N-amyl acetate	10.842	43	44090	19.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33466	19.902	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30712m	21.697	ug/l	
77) Bromobenzene	11.195	156	22047	18.081	ug/l	99
78) n-propylbenzene	11.305	91	112763	17.734	ug/l	100
79) 2-Chlorotoluene	11.366	91	68776	17.937	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	78829	18.007	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9126	18.597	ug/l	99
82) 4-Chlorotoluene	11.451	91	81298	17.888	ug/l	98
83) tert-Butylbenzene	11.713	119	79307	17.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79527	17.958	ug/l	100
85) sec-Butylbenzene	11.890	105	102844	17.960	ug/l	98
86) p-Isopropyltoluene	12.006	119	84490	17.699	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41452	17.506	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42918	17.492	ug/l	99
89) n-Butylbenzene	12.329	91	81179	17.317	ug/l	99
90) Hexachloroethane	12.536	117	14429	17.006	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40853	17.874	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7565	20.090	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26893	17.249	ug/l	99
94) Hexachlorobutadiene	13.725	225	12299	16.974	ug/l	99
95) Naphthalene	13.774	128	93373	18.885	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	27351	17.494	ug/l	98

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

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