

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046807.D
 Acq On : 23 Jun 2025 10:13
 Operator : JC/MD
 Sample : VX0623MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 04:00:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	140099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88596	45.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.440%		
35) Dibromofluoromethane	5.397	113	74024	49.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	264622	48.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	100714	49.847	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	26187	17.508	ug/l	96
3) Chloromethane	1.307	50	27629	17.114	ug/l	95
4) Vinyl Chloride	1.386	62	30728	17.848	ug/l	93
5) Bromomethane	1.624	94	18883	19.495	ug/l	97
6) Chloroethane	1.703	64	18766	17.984	ug/l	99
7) Trichlorofluoromethane	1.904	101	45457	17.389	ug/l	96
8) Diethyl Ether	2.148	74	15811	17.624	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	28513	17.780	ug/l	99
10) Methyl Iodide	2.471	142	29796	17.890	ug/l	100
11) Tert butyl alcohol	2.959	59	11562	66.475	ug/l	98
12) 1,1-Dichloroethene	2.337	96	27849	17.997	ug/l	95
13) Acrolein	2.245	56	24780	97.813	ug/l	98
14) Allyl chloride	2.678	41	48441	17.277	ug/l	99
15) Acrylonitrile	3.075	53	64028	81.868	ug/l	100
16) Acetone	2.386	43	48031	74.327	ug/l	99
17) Carbon Disulfide	2.532	76	75854	16.232	ug/l	98
18) Methyl Acetate	2.715	43	26856	16.363	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	79170	16.431	ug/l	99
20) Methylene Chloride	2.806	84	30962	17.229	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	29224	17.649	ug/l	98
22) Diisopropyl ether	3.770	45	98189	18.220	ug/l	97
23) Vinyl Acetate	3.733	43	363092	84.726	ug/l	98
24) 1,1-Dichloroethane	3.629	63	54007	17.651	ug/l	98
25) 2-Butanone	4.562	43	71447	78.175	ug/l	99
26) 2,2-Dichloropropane	4.489	77	39518	17.708	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	34335	17.650	ug/l	99
28) Bromochloromethane	4.910	49	27889	20.105	ug/l	97
29) Tetrahydrofuran	5.013	42	46635	78.999	ug/l	99
30) Chloroform	5.105	83	55805	18.237	ug/l	99
31) Cyclohexane	5.483	56	50897	17.541	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	46166	17.203	ug/l	98
36) 1,1-Dichloropropene	5.702	75	38952	17.886	ug/l	100
37) Ethyl Acetate	4.721	43	32861	16.347	ug/l	97
38) Carbon Tetrachloride	5.690	117	41775	17.676	ug/l	96
39) Methylcyclohexane	7.385	83	50256	17.537	ug/l	99
40) Benzene	6.044	78	118780	18.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18232	17.013	ug/l	97
42) 1,2-Dichloroethane	6.092	62	40545	17.902	ug/l	100
43) Isopropyl Acetate	6.348	43	51026	16.221	ug/l	99
44) Trichloroethene	7.135	130	29599	18.021	ug/l	100
45) 1,2-Dichloropropane	7.434	63	29055	18.190	ug/l	99
46) Dibromomethane	7.586	93	20527	17.881	ug/l	98
47) Bromodichloromethane	7.824	83	42764	18.255	ug/l	97
48) Methyl methacrylate	7.696	41	26871	17.033	ug/l	98
49) 1,4-Dioxane	7.665	88	6399	299.166	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	156786	83.571	ug/l	98
52) Toluene	8.720	92	73896	18.495	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	38205	17.577	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44595	18.073	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27298	18.333	ug/l	98
56) Ethyl methacrylate	9.116	69	37491	17.057	ug/l	100
57) 1,3-Dichloropropane	9.311	76	47668	18.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	107089	93.792	ug/l	100
59) 2-Hexanone	9.427	43	103966	80.158	ug/l	99
60) Dibromochloromethane	9.518	129	31738	18.087	ug/l	96
61) 1,2-Dibromoethane	9.610	107	27479	18.143	ug/l	99
64) Tetrachloroethene	9.275	164	25622	18.058	ug/l	96
65) Chlorobenzene	10.079	112	83303	18.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	27448	18.065	ug/l	98
67) Ethyl Benzene	10.195	91	143293	18.141	ug/l	100
68) m/p-Xylenes	10.299	106	106844	36.301	ug/l	98
69) o-Xylene	10.640	106	51314	18.603	ug/l	98
70) Styrene	10.652	104	89144	18.467	ug/l	100
71) Bromoform	10.799	173	20582	17.788	ug/l #	100
73) Isopropylbenzene	10.957	105	137444	17.553	ug/l	100
74) N-amyl acetate	10.841	43	46426	15.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.066	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36036m	18.507	ug/l	
77) Bromobenzene	11.195	156	33911	17.997	ug/l	99
78) n-propylbenzene	11.299	91	164647	17.703	ug/l	100
79) 2-Chlorotoluene	11.360	91	98705	17.776	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115938	18.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10337	15.005	ug/l	96
82) 4-Chlorotoluene	11.451	91	114535	17.674	ug/l	99
83) tert-Butylbenzene	11.713	119	115500	17.365	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114247	17.672	ug/l	100
85) sec-Butylbenzene	11.890	105	150094	17.856	ug/l	100
86) p-Isopropyltoluene	12.006	119	123317	17.387	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62947	17.134	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	64022	16.966	ug/l	98
89) n-Butylbenzene	12.329	91	118775	17.638	ug/l	99
90) Hexachloroethane	12.536	117	20450	16.466	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	60689	17.677	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6448	14.939	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	41657	17.067	ug/l	98
94) Hexachlorobutadiene	13.719	225	18037	17.567	ug/l	98
95) Naphthalene	13.774	128	110680	15.916	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40383	17.294	ug/l	98

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

