

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046808.D
 Acq On : 23 Jun 2025 10:40
 Operator : JC/MD
 Sample : VX0623MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 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 04:01:17 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	5.556	168	130951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85277	47.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.160%		
35) Dibromofluoromethane	5.391	113	69659	48.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	245554	47.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	97134	50.592	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	23870	17.074	ug/l	100
3) Chloromethane	1.307	50	26439	17.521	ug/l	97
4) Vinyl Chloride	1.386	62	27313	16.973	ug/l	98
5) Bromomethane	1.624	94	18172	20.072	ug/l	100
6) Chloroethane	1.703	64	16873	17.300	ug/l	99
7) Trichlorofluoromethane	1.904	101	42185	17.265	ug/l	96
8) Diethyl Ether	2.148	74	14872	17.735	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	25632	17.100	ug/l	100
10) Methyl Iodide	2.465	142	29298	18.594	ug/l	99
11) Tert butyl alcohol	2.953	59	11004	67.687	ug/l	98
12) 1,1-Dichloroethene	2.337	96	25106	17.357	ug/l	99
13) Acrolein	2.246	56	24437	103.197	ug/l	99
14) Allyl chloride	2.678	41	45004	17.173	ug/l	98
15) Acrylonitrile	3.069	53	60357	82.565	ug/l	99
16) Acetone	2.386	43	44609	73.854	ug/l	98
17) Carbon Disulfide	2.526	76	69780	15.976	ug/l	99
18) Methyl Acetate	2.709	43	25007	16.301	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	75255	16.709	ug/l	100
20) Methylene Chloride	2.800	84	29178	17.370	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	26937	17.405	ug/l	96
22) Diisopropyl ether	3.764	45	93251	18.512	ug/l	90
23) Vinyl Acetate	3.727	43	344227	85.935	ug/l	100
24) 1,1-Dichloroethane	3.617	63	50294	17.585	ug/l	98
25) 2-Butanone	4.562	43	65584	76.773	ug/l	99
26) 2,2-Dichloropropane	4.483	77	36252	17.379	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	31745	17.459	ug/l	99
28) Bromochloromethane	4.904	49	25271	19.490	ug/l	99
29) Tetrahydrofuran	5.013	42	43296	78.466	ug/l	99
30) Chloroform	5.099	83	52399	18.320	ug/l	95
31) Cyclohexane	5.477	56	46314	17.076	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	42793	17.060	ug/l	98
36) 1,1-Dichloropropene	5.696	75	36379	17.579	ug/l	99
37) Ethyl Acetate	4.721	43	31410	16.443	ug/l	98
38) Carbon Tetrachloride	5.684	117	38779	17.267	ug/l	96
39) Methylcyclohexane	7.385	83	45543	16.724	ug/l	98
40) Benzene	6.044	78	110302	18.010	ug/l	99

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41) Methacrylonitrile	4.928	41	17127	16.818	ug/l	95
42) 1,2-Dichloroethane	6.092	62	38344	17.816	ug/l	98
43) Isopropyl Acetate	6.342	43	49048	16.409	ug/l	99
44) Trichloroethene	7.129	130	27273	17.473	ug/l	99
45) 1,2-Dichloropropane	7.434	63	27549	18.150	ug/l	94
46) Dibromomethane	7.586	93	19643	18.007	ug/l	99
47) Bromodichloromethane	7.824	83	40829	18.341	ug/l	95
48) Methyl methacrylate	7.696	41	25130	16.763	ug/l	98
49) 1,4-Dioxane	7.665	88	6225	305.593	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	145472	81.598	ug/l	99
52) Toluene	8.714	92	68952	18.160	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36550	17.696	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41448	17.677	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26371	18.638	ug/l	98
56) Ethyl methacrylate	9.116	69	35765	17.123	ug/l	99
57) 1,3-Dichloropropane	9.305	76	44400	18.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	102999	94.931	ug/l	99
59) 2-Hexanone	9.427	43	99307	80.573	ug/l	100
60) Dibromochloromethane	9.519	129	30102	18.053	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26554	18.450	ug/l	97
64) Tetrachloroethene	9.275	164	23524	16.891	ug/l	100
65) Chlorobenzene	10.080	112	76598	17.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	25736	17.257	ug/l	98
67) Ethyl Benzene	10.189	91	131634	16.978	ug/l	99
68) m/p-Xylenes	10.299	106	101513	35.138	ug/l	99
69) o-Xylene	10.640	106	48112	17.770	ug/l	98
70) Styrene	10.653	104	85447	18.034	ug/l	98
71) Bromoform	10.799	173	19229	16.931	ug/l #	98
73) Isopropylbenzene	10.957	105	127676	16.879	ug/l	100
74) N-amyl acetate	10.842	43	44113	15.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35448	16.783	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31535m	16.764	ug/l	
77) Bromobenzene	11.195	156	31642	17.383	ug/l	100
78) n-propylbenzene	11.299	91	153754	17.113	ug/l	100
79) 2-Chlorotoluene	11.360	91	91213	17.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	105359	16.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9392	14.113	ug/l	97
82) 4-Chlorotoluene	11.451	91	106762	17.053	ug/l	100
83) tert-Butylbenzene	11.713	119	110014	17.122	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	107545	17.220	ug/l	100
85) sec-Butylbenzene	11.890	105	138966	17.113	ug/l	99
86) p-Isopropyltoluene	12.006	119	116496	17.003	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	60290	16.987	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	60612	16.627	ug/l	99
89) n-Butylbenzene	12.329	91	109798	16.878	ug/l	100
90) Hexachloroethane	12.536	117	20085	16.740	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	57425	17.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6186	14.835	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	38928	16.509	ug/l	98
94) Hexachlorobutadiene	13.719	225	16657	16.793	ug/l	98
95) Naphthalene	13.774	128	107110	15.944	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	38108	16.893	ug/l	99

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

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