

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046954.D
 Acq On : 10 Jul 2025 18:37
 Operator : JC/MD
 Sample : VX0710MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:36:38 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	5.562	168	317037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	249403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	223206	53.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.397	113	186191	51.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	8.653	98	640781	50.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	254094	52.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50790	16.751	ug/l	98
3) Chloromethane	1.307	50	53015	16.004	ug/l	99
4) Vinyl Chloride	1.386	62	61709	17.106	ug/l	100
5) Bromomethane	1.624	94	24980	10.777	ug/l	98
6) Chloroethane	1.703	64	44169	18.542	ug/l	96
7) Trichlorofluoromethane	1.904	101	99439	17.827	ug/l	98
8) Diethyl Ether	2.148	74	38848	19.571	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	62912	17.700	ug/l	98
10) Methyl Iodide	2.471	142	48048	12.408	ug/l	99
11) Tert butyl alcohol	2.959	59	33411	121.630	ug/l	97
12) 1,1-Dichloroethene	2.337	96	60672	17.648	ug/l	98
13) Acrolein	2.245	56	13882	48.050	ug/l	100
14) Allyl chloride	2.678	41	112485	18.378	ug/l	98
15) Acrylonitrile	3.075	53	166233	104.668	ug/l	99
16) Acetone	2.386	43	126361	97.126	ug/l	98
17) Carbon Disulfide	2.526	76	150382	16.680	ug/l	98
18) Methyl Acetate	2.715	43	84313	24.588	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	202754	20.885	ug/l	99
20) Methylene Chloride	2.806	84	74664	19.408	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	63406	18.024	ug/l	99
22) Diisopropyl ether	3.770	45	242826	20.535	ug/l	92
23) Vinyl Acetate	3.733	43	916240	103.426	ug/l	98
24) 1,1-Dichloroethane	3.623	63	129434	19.193	ug/l	99
25) 2-Butanone	4.568	43	194693	112.165	ug/l	100
26) 2,2-Dichloropropane	4.489	77	85494	17.034	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	82323	19.167	ug/l	98
28) Bromochloromethane	4.910	49	74105	22.265	ug/l	98
29) Tetrahydrofuran	5.013	42	129377	116.926	ug/l	96
30) Chloroform	5.111	83	136130	19.758	ug/l	95
31) Cyclohexane	5.483	56	107380	17.936	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	109687	19.056	ug/l	99
36) 1,1-Dichloropropene	5.702	75	88250	18.223	ug/l	99
37) Ethyl Acetate	4.733	43	81951	19.868	ug/l	98
38) Carbon Tetrachloride	5.690	117	93898	18.340	ug/l	99
39) Methylcyclohexane	7.385	83	102888	16.984	ug/l	98
40) Benzene	6.050	78	279412	19.075	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46481	21.125	ug/l	98
42) 1,2-Dichloroethane	6.098	62	98563	19.816	ug/l	99
43) Isopropyl Acetate	6.342	43	137310	21.734	ug/l	99
44) Trichloroethene	7.129	130	70145	18.396	ug/l	93
45) 1,2-Dichloropropane	7.434	63	71291	19.264	ug/l	96
46) Dibromomethane	7.586	93	50834	19.825	ug/l	98
47) Bromodichloromethane	7.824	83	106268	19.409	ug/l	98
48) Methyl methacrylate	7.702	41	73056	22.395	ug/l	96
49) 1,4-Dioxane	7.665	88	18256	482.982	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	429270	115.130	ug/l	99
52) Toluene	8.720	92	174526	19.228	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	92125	18.854	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	106787	19.147	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69827	20.654	ug/l	98
56) Ethyl methacrylate	9.116	69	101303	21.649	ug/l	99
57) 1,3-Dichloropropane	9.311	76	118861	20.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	282126	107.004	ug/l	100
59) 2-Hexanone	9.427	43	285278	115.350	ug/l	99
60) Dibromochloromethane	9.519	129	80766	19.962	ug/l	98
61) 1,2-Dibromoethane	9.610	107	70574	20.785	ug/l	99
64) Tetrachloroethene	9.275	164	59082	18.388	ug/l	97
65) Chlorobenzene	10.079	112	199249	19.097	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	68105	19.417	ug/l	99
67) Ethyl Benzene	10.195	91	339031	18.974	ug/l	98
68) m/p-Xylenes	10.299	106	255944	38.013	ug/l	99
69) o-Xylene	10.640	106	123600	19.004	ug/l	99
70) Styrene	10.652	104	216699	19.474	ug/l	98
71) Bromoform	10.799	173	52558	20.153	ug/l #	99
73) Isopropylbenzene	10.963	105	334729	19.092	ug/l	100
74) N-amyl acetate	10.841	43	127547	21.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99667	20.674	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76700m	19.903	ug/l	
77) Bromobenzene	11.195	156	81819	18.736	ug/l	98
78) n-propylbenzene	11.305	91	393339	18.606	ug/l	100
79) 2-Chlorotoluene	11.360	91	233816	18.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271540	19.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23671	16.483	ug/l	95
82) 4-Chlorotoluene	11.451	91	273688	19.000	ug/l	99
83) tert-Butylbenzene	11.713	119	277414	18.854	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	276962	19.235	ug/l	95
85) sec-Butylbenzene	11.890	105	341225	18.394	ug/l	99
86) p-Isopropyltoluene	12.006	119	287330	18.496	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	156073	19.109	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	157805	18.565	ug/l	99
89) n-Butylbenzene	12.329	91	261424	17.910	ug/l	99
90) Hexachloroethane	12.536	117	46093	16.737	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	150454	19.010	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17991	21.337	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	99429	18.492	ug/l	98
94) Hexachlorobutadiene	13.725	225	33754	16.646	ug/l	97
95) Naphthalene	13.774	128	288034	20.329	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	94451	18.591	ug/l	98

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

