

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047019.D
 Acq On : 16 Jul 2025 11:02
 Operator : JC/MD
 Sample : VX0716MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:28:20 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	5.556	168	328600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	550527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221112	50.934	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.860%		
35) Dibromofluoromethane	5.397	113	181553	48.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.160%		
50) Toluene-d8	8.647	98	607149	46.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.100%		
62) 4-Bromofluorobenzene	11.079	95	249709	49.832	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	53048	16.880	ug/l	100
3) Chloromethane	1.306	50	58534	17.048	ug/l	94
4) Vinyl Chloride	1.386	62	66590	17.810	ug/l	96
5) Bromomethane	1.623	94	43780	18.223	ug/l	100
6) Chloroethane	1.703	64	42053	17.033	ug/l	98
7) Trichlorofluoromethane	1.904	101	108030	18.686	ug/l	100
8) Diethyl Ether	2.148	74	40181	19.530	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	69059	18.746	ug/l	98
10) Methyl Iodide	2.465	142	60865	15.165	ug/l	98
11) Tert butyl alcohol	2.959	59	47511	166.873	ug/l	100
12) 1,1-Dichloroethene	2.337	96	66592	18.689	ug/l	98
13) Acrolein	2.251	56	27683	89.828	ug/l	98
14) Allyl chloride	2.678	41	125966	19.856	ug/l	98
15) Acrylonitrile	3.074	53	197364	119.897	ug/l	100
16) Acetone	2.386	43	159670	118.410	ug/l	97
17) Carbon Disulfide	2.526	76	134829	14.429	ug/l	99
18) Methyl Acetate	2.715	43	107631	30.283	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	234934	23.348	ug/l	95
20) Methylene Chloride	2.800	84	77077	19.330	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	66221	18.162	ug/l	99
22) Diisopropyl ether	3.769	45	268211	21.884	ug/l	95
23) Vinyl Acetate	3.733	43	1011874	110.202	ug/l	97
24) 1,1-Dichloroethane	3.623	63	143019	20.461	ug/l	99
25) 2-Butanone	4.562	43	244704	136.017	ug/l	98
26) 2,2-Dichloropropane	4.489	77	106023	20.381	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	85474	19.201	ug/l	95
28) Bromochloromethane	4.903	49	78665	22.804	ug/l	96
29) Tetrahydrofuran	5.013	42	154605	134.809	ug/l	100
30) Chloroform	5.105	83	145314	20.349	ug/l	98
31) Cyclohexane	5.483	56	115079	18.545	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	120211	20.149	ug/l	98
36) 1,1-Dichloropropene	5.702	75	93875	18.619	ug/l	99
37) Ethyl Acetate	4.727	43	96040	22.364	ug/l	100
38) Carbon Tetrachloride	5.684	117	100210	18.799	ug/l	99
39) Methylcyclohexane	7.385	83	111269	17.642	ug/l	98
40) Benzene	6.043	78	289347	18.973	ug/l	99

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41) Methacrylonitrile	4.928	41	58112	25.367	ug/l	98
42) 1,2-Dichloroethane	6.092	62	107889	20.834	ug/l	98
43) Isopropyl Acetate	6.342	43	166909	25.375	ug/l	98
44) Trichloroethene	7.135	130	70912	17.863	ug/l	91
45) 1,2-Dichloropropane	7.433	63	75674	19.640	ug/l	96
46) Dibromomethane	7.586	93	52869	19.804	ug/l	100
47) Bromodichloromethane	7.824	83	113045	19.831	ug/l	98
48) Methyl methacrylate	7.702	41	83125	24.475	ug/l	97
49) 1,4-Dioxane	7.659	88	21536	547.245	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	522674	134.642	ug/l	99
52) Toluene	8.720	92	182796	19.343	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	104091	20.461	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	116591	20.079	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73526	20.888	ug/l	96
56) Ethyl methacrylate	9.116	69	112023	22.994	ug/l	96
57) 1,3-Dichloropropane	9.311	76	127719	21.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	270577	98.568	ug/l	100
59) 2-Hexanone	9.427	43	365317	141.876	ug/l	99
60) Dibromochloromethane	9.518	129	83987	19.938	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75925	21.477	ug/l	96
64) Tetrachloroethene	9.275	164	58941	17.931	ug/l	96
65) Chlorobenzene	10.079	112	207243	19.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71259	19.859	ug/l	98
67) Ethyl Benzene	10.195	91	358977	19.638	ug/l	99
68) m/p-Xylenes	10.299	106	268022	38.910	ug/l	98
69) o-Xylene	10.640	106	130175	19.564	ug/l	98
70) Styrene	10.652	104	228003	20.029	ug/l	99
71) Bromoform	10.799	173	52796	19.788	ug/l	97
73) Isopropylbenzene	10.963	105	356420	20.007	ug/l	99
74) N-amyl acetate	10.841	43	144616	23.889	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	109460	22.345	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86942m	22.204	ug/l	
77) Bromobenzene	11.195	156	85554	19.280	ug/l	97
78) n-propylbenzene	11.305	91	418438	19.480	ug/l	100
79) 2-Chlorotoluene	11.360	91	252053	19.872	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	291330	20.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30304	20.768	ug/l	94
82) 4-Chlorotoluene	11.451	91	296813	20.278	ug/l	99
83) tert-Butylbenzene	11.713	119	301405	20.160	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	291592	19.930	ug/l	96
85) sec-Butylbenzene	11.890	105	372653	19.770	ug/l	100
86) p-Isopropyltoluene	12.006	119	308339	19.533	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	162415	19.571	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	163438	18.923	ug/l	98
89) n-Butylbenzene	12.329	91	289978	19.551	ug/l	99
90) Hexachloroethane	12.536	117	51276	18.324	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	158847	19.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21131	24.663	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	105827	19.370	ug/l	100
94) Hexachlorobutadiene	13.725	225	36617	17.772	ug/l	95
95) Naphthalene	13.774	128	324456	22.537	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102894	19.932	ug/l	98

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

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