

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047020.D
 Acq On : 16 Jul 2025 11:29
 Operator : JC/MD
 Sample : VX0716MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 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 03:29:11 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	306776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	518011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	212295	52.382	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.760%			
35) Dibromofluoromethane	5.391	113	169971	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	8.646	98	569089	45.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.740%#			
62) 4-Bromofluorobenzene	11.079	95	237343	50.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	47400	16.156	ug/l	99
3) Chloromethane	1.306	50	53307	16.630	ug/l	98
4) Vinyl Chloride	1.386	62	59633	17.083	ug/l	100
5) Bromomethane	1.623	94	39386	17.561	ug/l	98
6) Chloroethane	1.703	64	40155	17.421	ug/l	97
7) Trichlorofluoromethane	1.904	101	99465	18.428	ug/l	95
8) Diethyl Ether	2.148	74	40048	20.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	63375	18.427	ug/l	97
10) Methyl Iodide	2.465	142	56458	15.068	ug/l	94
11) Tert butyl alcohol	2.958	59	46184	173.752	ug/l	97
12) 1,1-Dichloroethene	2.337	96	59952	18.022	ug/l	97
13) Acrolein	2.245	56	28665	99.322	ug/l	100
14) Allyl chloride	2.678	41	117283	19.803	ug/l	99
15) Acrylonitrile	3.074	53	200231	130.292	ug/l	99
16) Acetone	2.385	43	157062	124.762	ug/l	96
17) Carbon Disulfide	2.526	76	122899	14.088	ug/l	97
18) Methyl Acetate	2.715	43	107562	32.417	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	229780	24.460	ug/l	95
20) Methylene Chloride	2.800	84	73561	19.761	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	62217	18.278	ug/l	98
22) Diisopropyl ether	3.769	45	255904	22.365	ug/l	95
23) Vinyl Acetate	3.733	43	989813	115.468	ug/l	98
24) 1,1-Dichloroethane	3.623	63	130805	20.045	ug/l	100
25) 2-Butanone	4.562	43	241530	143.803	ug/l	99
26) 2,2-Dichloropropane	4.483	77	95078	19.577	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	82250	19.791	ug/l	98
28) Bromochloromethane	4.903	49	75051	23.304	ug/l	95
29) Tetrahydrofuran	5.013	42	157175	146.800	ug/l	99
30) Chloroform	5.104	83	137104	20.565	ug/l	96
31) Cyclohexane	5.476	56	106825	18.440	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	112591	20.215	ug/l	100
36) 1,1-Dichloropropene	5.708	75	86329	18.197	ug/l	99
37) Ethyl Acetate	4.726	43	94180	23.308	ug/l	99
38) Carbon Tetrachloride	5.690	117	95416	19.024	ug/l	97
39) Methylcyclohexane	7.384	83	102044	17.195	ug/l	94
40) Benzene	6.043	78	272392	18.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56117	26.034	ug/l	98
42) 1,2-Dichloroethane	6.092	62	103416	21.224	ug/l	99
43) Isopropyl Acetate	6.342	43	163178	26.365	ug/l	98
44) Trichloroethene	7.128	130	67571	18.089	ug/l	96
45) 1,2-Dichloropropane	7.433	63	73445	20.258	ug/l	95
46) Dibromomethane	7.586	93	52154	20.762	ug/l	98
47) Bromodichloromethane	7.823	83	108457	20.221	ug/l #	99
48) Methyl methacrylate	7.695	41	83085	25.999	ug/l	97
49) 1,4-Dioxane	7.665	88	21774	588.024	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	516138	141.304	ug/l	100
52) Toluene	8.720	92	169978	19.116	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	98626	20.604	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	112158	20.528	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	71718	21.654	ug/l	100
56) Ethyl methacrylate	9.116	69	112436	24.527	ug/l	96
57) 1,3-Dichloropropane	9.305	76	123142	21.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	268462	103.937	ug/l	100
59) 2-Hexanone	9.427	43	361353	149.146	ug/l	97
60) Dibromochloromethane	9.518	129	80866	20.402	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72259	21.723	ug/l	100
64) Tetrachloroethene	9.274	164	53492	17.223	ug/l	97
65) Chlorobenzene	10.079	112	194939	19.329	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	67463	19.898	ug/l	98
67) Ethyl Benzene	10.195	91	335958	19.451	ug/l	99
68) m/p-Xylenes	10.299	106	254363	39.083	ug/l	99
69) o-Xylene	10.640	106	125342	19.937	ug/l	100
70) Styrene	10.652	104	220105	20.463	ug/l	99
71) Bromoform	10.799	173	52256	20.729	ug/l #	98
73) Isopropylbenzene	10.963	105	334239	19.901	ug/l	100
74) N-amyl acetate	10.841	43	145196	25.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109668	23.746	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	86658m	23.474	ug/l	
77) Bromobenzene	11.195	156	81218	19.414	ug/l	96
78) n-propylbenzene	11.305	91	394798	19.494	ug/l	99
79) 2-Chlorotoluene	11.359	91	235514	19.695	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275187	20.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29843	21.693	ug/l	94
82) 4-Chlorotoluene	11.451	91	280292	20.312	ug/l	99
83) tert-Butylbenzene	11.713	119	280531	19.903	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	276950	20.078	ug/l	96
85) sec-Butylbenzene	11.890	105	351618	19.786	ug/l	99
86) p-Isopropyltoluene	12.006	119	290500	19.520	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	154968	19.807	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	154954	19.029	ug/l	98
89) n-Butylbenzene	12.329	91	272659	19.499	ug/l	99
90) Hexachloroethane	12.536	117	47942	18.172	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	148351	19.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21401	26.494	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	101725	19.749	ug/l	98
94) Hexachlorobutadiene	13.725	225	35614	18.334	ug/l	99
95) Naphthalene	13.774	128	325314	23.968	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	98341	20.206	ug/l	100

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

