

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046965.D
 Acq On : 14 Jul 2025 12:06
 Operator : JC/MD
 Sample : VX0714MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:16:05 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	292639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	490750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218316	56.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.940%			
35) Dibromofluoromethane	5.391	113	177562	53.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	8.647	98	603393	51.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	242427	54.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	49490	17.683	ug/l	96
3) Chloromethane	1.307	50	52676	17.227	ug/l	100
4) Vinyl Chloride	1.386	62	60334	18.119	ug/l	99
5) Bromomethane	1.624	94	38120	17.817	ug/l	98
6) Chloroethane	1.703	64	38980	17.728	ug/l	98
7) Trichlorofluoromethane	1.904	101	97854	19.006	ug/l	98
8) Diethyl Ether	2.148	74	38474	20.998	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	63605	19.387	ug/l	100
10) Methyl Iodide	2.465	142	49472	13.841	ug/l	96
11) Tert butyl alcohol	2.953	59	43294	170.748	ug/l	100
12) 1,1-Dichloroethene	2.331	96	59583	18.777	ug/l	98
13) Acrolein	2.246	56	25729	93.623	ug/l	94
14) Allyl chloride	2.678	41	113787	20.141	ug/l	99
15) Acrylonitrile	3.075	53	186550	127.254	ug/l	99
16) Acetone	2.386	43	146579	122.060	ug/l	96
17) Carbon Disulfide	2.526	76	135393	16.269	ug/l	97
18) Methyl Acetate	2.709	43	99485	31.431	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	218001	24.327	ug/l	100
20) Methylene Chloride	2.800	84	73168	20.605	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	63243	19.477	ug/l	96
22) Diisopropyl ether	3.770	45	244861	22.434	ug/l	94
23) Vinyl Acetate	3.733	43	948113	115.947	ug/l	99
24) 1,1-Dichloroethane	3.623	63	126590	20.336	ug/l	98
25) 2-Butanone	4.562	43	226921	141.632	ug/l	97
26) 2,2-Dichloropropane	4.489	77	90291	19.490	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	80259	20.245	ug/l	99
28) Bromochloromethane	4.910	49	66739	21.724	ug/l	98
29) Tetrahydrofuran	5.013	42	144230	141.217	ug/l	100
30) Chloroform	5.105	83	134480	21.146	ug/l	99
31) Cyclohexane	5.477	56	105020	19.004	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	111887	21.059	ug/l	99
36) 1,1-Dichloropropene	5.702	75	83933	18.674	ug/l	98
37) Ethyl Acetate	4.727	43	90644	23.679	ug/l	99
38) Carbon Tetrachloride	5.684	117	93478	19.672	ug/l	98
39) Methylcyclohexane	7.385	83	102405	18.214	ug/l	98
40) Benzene	6.044	78	264867	19.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53141	26.023	ug/l	97
42) 1,2-Dichloroethane	6.092	62	98532	21.345	ug/l	100
43) Isopropyl Acetate	6.342	43	149757	25.541	ug/l	99
44) Trichloroethene	7.129	130	67042	18.945	ug/l	96
45) 1,2-Dichloropropane	7.428	63	70676	20.577	ug/l	97
46) Dibromomethane	7.586	93	52001	21.852	ug/l	98
47) Bromodichloromethane	7.824	83	105815	20.824	ug/l	97
48) Methyl methacrylate	7.696	41	76717	25.339	ug/l	98
49) 1,4-Dioxane	7.659	88	20734	591.042	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	484792	140.095	ug/l	100
52) Toluene	8.720	92	169146	20.079	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	97762	21.558	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108278	20.918	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70752	22.549	ug/l	97
56) Ethyl methacrylate	9.116	69	105011	24.180	ug/l	96
57) 1,3-Dichloropropane	9.305	76	119229	22.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278728	113.906	ug/l	100
59) 2-Hexanone	9.427	43	334382	145.680	ug/l	100
60) Dibromochloromethane	9.519	129	81190	21.621	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68429	21.715	ug/l	98
64) Tetrachloroethene	9.275	164	55267	18.703	ug/l	96
65) Chlorobenzene	10.080	112	193750	20.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	68023	21.088	ug/l	98
67) Ethyl Benzene	10.195	91	329357	20.043	ug/l	97
68) m/p-Xylenes	10.299	106	248328	40.104	ug/l	99
69) o-Xylene	10.640	106	121989	20.395	ug/l	100
70) Styrene	10.653	104	213080	20.822	ug/l	99
71) Bromoform	10.799	173	54294	22.637	ug/l #	99
73) Isopropylbenzene	10.964	105	323016	20.097	ug/l	100
74) N-amyl acetate	10.842	43	136117	24.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	104828	23.719	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84816m	24.008	ug/l	
77) Bromobenzene	11.195	156	80090	20.005	ug/l	97
78) n-propylbenzene	11.305	91	382067	19.714	ug/l	100
79) 2-Chlorotoluene	11.360	91	229010	20.012	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	266585	20.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29737	22.588	ug/l	95
82) 4-Chlorotoluene	11.451	91	268462	20.329	ug/l	99
83) tert-Butylbenzene	11.713	119	275915	20.455	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	271658	20.580	ug/l	95
85) sec-Butylbenzene	11.890	105	344871	20.279	ug/l	100
86) p-Isopropyltoluene	12.006	119	281252	19.748	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151949	20.294	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	152258	19.539	ug/l	98
89) n-Butylbenzene	12.329	91	262967	19.651	ug/l	99
90) Hexachloroethane	12.536	117	49278	19.518	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147594	20.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20724	26.810	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	100699	20.429	ug/l	98
94) Hexachlorobutadiene	13.725	225	36631	19.705	ug/l	98
95) Naphthalene	13.774	128	308854	23.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	97147	20.858	ug/l	97

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

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