

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047422.D
 Acq On : 19 Aug 2025 18:43
 Operator : JC/MD
 Sample : VX0819MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Quant Time: Aug 20 01:31:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	217656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181016	59.424	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.840%#			
35) Dibromofluoromethane	5.397	113	137460	54.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.700%			
50) Toluene-d8	8.653	98	474890	52.533	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.079	95	191963	57.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	45403	16.364	ug/l	98
3) Chloromethane	1.313	50	43447	17.406	ug/l	100
4) Vinyl Chloride	1.392	62	51779	16.528	ug/l	98
5) Bromomethane	1.630	94	18500	14.620	ug/l	98
6) Chloroethane	1.709	64	31406	16.384	ug/l	94
7) Trichlorofluoromethane	1.904	101	77554	16.736	ug/l	99
8) Diethyl Ether	2.148	74	30099	18.446	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	43470	16.171	ug/l	99
10) Methyl Iodide	2.471	142	45388	9.853	ug/l	98
11) Tert butyl alcohol	2.959	59	26924	101.600	ug/l	97
12) 1,1-Dichloroethene	2.337	96	46579	16.997	ug/l	99
13) Acrolein	2.251	56	49098	87.769	ug/l	100
14) Allyl chloride	2.678	41	78007	16.389	ug/l	99
15) Acrylonitrile	3.081	53	124254	97.034	ug/l	99
16) Acetone	2.392	43	98519	86.043	ug/l	99
17) Carbon Disulfide	2.532	76	131183	15.863	ug/l	99
18) Methyl Acetate	2.715	43	61205	20.628	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	155929	18.703	ug/l	97
20) Methylene Chloride	2.806	84	56727	18.710	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	51609	17.743	ug/l	88
22) Diisopropyl ether	3.776	45	180177	19.150	ug/l	99
23) Vinyl Acetate	3.733	43	712541	92.397	ug/l	99
24) 1,1-Dichloroethane	3.623	63	95321	17.924	ug/l	98
25) 2-Butanone	4.574	43	147043	98.057	ug/l	99
26) 2,2-Dichloropropane	4.483	77	56086	13.973	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	60965	17.996	ug/l	97
28) Bromochloromethane	4.910	49	51051	23.069	ug/l	99
29) Tetrahydrofuran	5.025	42	90632	93.509	ug/l	99
30) Chloroform	5.105	83	101108	18.629	ug/l	96
31) Cyclohexane	5.483	56	80561	16.433	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	82728	17.709	ug/l	98
36) 1,1-Dichloropropene	5.708	75	64123	16.061	ug/l	99
37) Ethyl Acetate	4.727	43	68965	16.639	ug/l	98
38) Carbon Tetrachloride	5.690	117	71101	16.297	ug/l	95
39) Methylcyclohexane	7.385	83	71933	14.444	ug/l	96
40) Benzene	6.050	78	209798	17.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	29976	17.151	ug/l	94
42) 1,2-Dichloroethane	6.092	62	76576	18.091	ug/l	98
43) Isopropyl Acetate	6.348	43	105673	17.747	ug/l	98
44) Trichloroethene	7.135	130	51380	16.792	ug/l	98
45) 1,2-Dichloropropane	7.433	63	53743	17.952	ug/l	100
46) Dibromomethane	7.586	93	39254	18.061	ug/l	99
47) Bromodichloromethane	7.824	83	80794	17.931	ug/l	99
48) Methyl methacrylate	7.696	41	53817	17.413	ug/l	99
49) 1,4-Dioxane	7.696	88	11761	391.442	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	326538	95.299	ug/l	97
52) Toluene	8.720	92	130336	17.650	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	67621	17.196	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76009	17.077	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52564	18.748	ug/l	94
56) Ethyl methacrylate	9.116	69	72318	17.495	ug/l	97
57) 1,3-Dichloropropane	9.311	76	87313	18.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	181735	97.351	ug/l	98
59) 2-Hexanone	9.433	43	218441	92.163	ug/l	99
60) Dibromochloromethane	9.518	129	60036	18.019	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52136	18.033	ug/l	98
64) Tetrachloroethene	9.275	164	43155	16.159	ug/l	97
65) Chlorobenzene	10.079	112	147079	16.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49065	16.542	ug/l	98
67) Ethyl Benzene	10.195	91	247458	16.386	ug/l	99
68) m/p-Xylenes	10.299	106	186051	33.040	ug/l	98
69) o-Xylene	10.640	106	89325	16.484	ug/l	100
70) Styrene	10.652	104	157391	17.190	ug/l	100
71) Bromoform	10.799	173	39189	17.587	ug/l #	97
73) Isopropylbenzene	10.963	105	232267	15.177	ug/l	100
74) N-amyl acetate	10.841	43	89988	15.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	74720	16.629	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58209m	16.228	ug/l	
77) Bromobenzene	11.195	156	59943	16.040	ug/l	98
78) n-propylbenzene	11.305	91	278882	15.258	ug/l	100
79) 2-Chlorotoluene	11.360	91	175535	15.887	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193559	15.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8748	16.799	ug/l	96
82) 4-Chlorotoluene	11.451	91	199851	15.344	ug/l	99
83) tert-Butylbenzene	11.713	119	192653	15.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	199405	15.836	ug/l	100
85) sec-Butylbenzene	11.890	105	235440	15.121	ug/l	100
86) p-Isopropyltoluene	12.006	119	197454	14.986	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112321	15.733	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114851	15.641	ug/l	98
89) n-Butylbenzene	12.329	91	177953	14.520	ug/l	99
90) Hexachloroethane	12.536	117	34232	14.809	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	109912	16.220	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12992	14.951	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	65637	14.448	ug/l	99
94) Hexachlorobutadiene	13.719	225	20873	12.908	ug/l	98
95) Naphthalene	13.774	128	203653	15.687	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	64894	15.155	ug/l	99

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

