

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048616.D
 Acq On : 17 Nov 2025 12:41
 Operator : JC/MD
 Sample : VX1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Quant Time: Nov 17 12:59:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	144667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	284685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99322	49.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.373	113	79845	37.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.120%#
50) Toluene-d8	8.635	98	281755	41.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	83.860%#
62) 4-Bromofluorobenzene	11.061	95	103882	41.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.960%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23891	20.380	ug/l	96
3) Chloromethane	1.301	50	32921	21.174	ug/l	97
4) Vinyl Chloride	1.380	62	40363	22.929	ug/l	98
5) Bromomethane	1.618	94	31657	28.479	ug/l	98
6) Chloroethane	1.697	64	27134	23.536	ug/l	100
7) Trichlorofluoromethane	1.898	101	68158	24.474	ug/l	99
8) Diethyl Ether	2.136	74	26498	23.703	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	40471	25.102	ug/l	98
10) Methyl Iodide	2.459	142	55091	23.089	ug/l	99
11) Tert butyl alcohol	2.934	59	36898	96.598	ug/l	99
12) 1,1-Dichloroethene	2.325	96	39935	23.713	ug/l	93
13) Acrolein	2.240	56	6101	110.392	ug/l	92
14) Allyl chloride	2.666	41	66127	21.090	ug/l	94
15) Acrylonitrile	3.056	53	111129	99.661	ug/l	98
16) Acetone	2.374	43	105784	110.862	ug/l	99
17) Carbon Disulfide	2.520	76	97067	20.483	ug/l	100
18) Methyl Acetate	2.697	43	58611	22.351	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	120641	20.286	ug/l	99
20) Methylene Chloride	2.788	84	36502	18.607	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	33940	19.015	ug/l	94
22) Diisopropyl ether	3.751	45	124344	20.653	ug/l	95
23) Vinyl Acetate	3.715	43	533203	101.118	ug/l	98
24) 1,1-Dichloroethane	3.605	63	67191	20.339	ug/l	98
25) 2-Butanone	4.538	43	145767	103.266	ug/l	96
26) 2,2-Dichloropropane	4.471	77	58413	20.740	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	42365	19.418	ug/l	96
28) Bromochloromethane	4.891	49	31830	19.613	ug/l	99
29) Tetrahydrofuran	4.983	42	97095	96.443	ug/l	99
30) Chloroform	5.080	83	70286	20.608	ug/l	97
31) Cyclohexane	5.458	56	54871	20.271	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	63081	21.193	ug/l	99
36) 1,1-Dichloropropene	5.684	75	46687	16.182	ug/l	97
37) Ethyl Acetate	4.696	43	65706	16.178	ug/l	98
38) Carbon Tetrachloride	5.666	117	55148	16.791	ug/l	98
39) Methylcyclohexane	7.367	83	55254	17.056	ug/l	98
40) Benzene	6.025	78	136922	15.310	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	31325	17.539	ug/l	96
42) 1,2-Dichloroethane	6.074	62	53459	17.446	ug/l	97
43) Isopropyl Acetate	6.318	43	102026	17.871	ug/l	98
44) Trichloroethene	7.111	130	36768	17.199	ug/l	97
45) 1,2-Dichloropropane	7.415	63	37356	18.166	ug/l	100
46) Dibromomethane	7.568	93	28313	18.877	ug/l	95
47) Bromodichloromethane	7.806	83	57613	19.255	ug/l	100
48) Methyl methacrylate	7.678	41	48140	18.969	ug/l	94
49) 1,4-Dioxane	7.647	88	12738	329.398	ug/l #	92
51) 4-Methyl-2-Pentanone	8.555	43	329909	101.519	ug/l	96
52) Toluene	8.702	92	90875	19.300	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	57344	18.599	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	61500	19.264	ug/l	94
55) 1,1,2-Trichloroethane	9.135	97	37781	20.083	ug/l	99
56) Ethyl methacrylate	9.104	69	61423	19.625	ug/l	94
57) 1,3-Dichloropropane	9.293	76	63610	19.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	144802	86.052	ug/l	98
59) 2-Hexanone	9.415	43	243304	100.649	ug/l	96
60) Dibromochloromethane	9.506	129	45695	19.783	ug/l	99
61) 1,2-Dibromoethane	9.592	107	39956	19.610	ug/l	99
64) Tetrachloroethene	9.257	164	31049	19.720	ug/l	97
65) Chlorobenzene	10.061	112	101877	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	37567	21.791	ug/l	98
67) Ethyl Benzene	10.177	91	177001	20.487	ug/l	99
68) m/p-Xylenes	10.287	106	134130	41.220	ug/l	97
69) o-Xylene	10.622	106	62844	19.740	ug/l	96
70) Styrene	10.640	104	110573	20.704	ug/l	99
71) Bromoform	10.781	173	32204	20.248	ug/l #	97
73) Isopropylbenzene	10.945	105	167588	20.382	ug/l	98
74) N-amyl acetate	10.829	43	81551	19.753	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	56795	19.587	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	52881m	19.377	ug/l	
77) Bromobenzene	11.183	156	42032	19.797	ug/l	98
78) n-propylbenzene	11.287	91	199378	20.622	ug/l	99
79) 2-Chlorotoluene	11.348	91	116439	19.931	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	137865	20.568	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	17807	18.664	ug/l	85
82) 4-Chlorotoluene	11.439	91	140393	20.486	ug/l	100
83) tert-Butylbenzene	11.695	119	144031	20.775	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	138409	20.465	ug/l	99
85) sec-Butylbenzene	11.872	105	176649	20.615	ug/l	100
86) p-Isopropyltoluene	11.994	119	149300	20.725	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	78005	19.602	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	80105	19.489	ug/l	99
89) n-Butylbenzene	12.317	91	137946	20.412	ug/l	99
90) Hexachloroethane	12.518	117	28211	20.554	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	75485	19.760	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	14094	20.916	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	48725	19.194	ug/l	99
94) Hexachlorobutadiene	13.707	225	20968	19.759	ug/l	99
95) Naphthalene	13.756	128	157224	19.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	45327	19.196	ug/l	99

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

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