

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039376.D
 Acq On : 13 Nov 2025 11:56
 Operator : SY/MD
 Sample : VV1113MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1113MBL01

Quant Time: Nov 14 05:44:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	674687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1102337	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1030245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	502666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	482043	57.914	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 115.820%	
35) Dibromofluoromethane	4.500	113	405360	47.944	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 95.880%	
50) Toluene-d8	7.233	98	1336970	47.853	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	9.998	95	475353	44.278	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 88.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	277	0.069	ug/l	72
4) Vinyl Chloride	1.301	62	815	0.176	ug/l #	43
6) Chloroethane	1.629	64	394	0.115	ug/l #	63
7) Trichlorofluoromethane	1.735	101	453	0.048	ug/l	87
8) Diethyl Ether	1.892	74	148	0.041	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.076	101	495	0.080	ug/l #	55
12) 1,1-Dichloroethene	2.085	96	334	0.068	ug/l #	11
14) Allyl chloride	2.359	41	135	0.015	ug/l #	1
15) Acrylonitrile	2.661	53	82	0.024	ug/l #	1
18) Methyl Acetate	2.388	43	407	0.035	ug/l #	52
19) Methyl tert-butyl Ether	2.696	73	313	0.017	ug/l #	47
21) trans-1,2-Dichloroethene	2.709	96	234	0.048	ug/l #	71
22) Diisopropyl ether	3.204	45	439	0.023	ug/l #	1
23) Vinyl Acetate	3.182	43	201	0.015	ug/l #	3
24) 1,1-Dichloroethane	3.124	63	245	0.021	ug/l #	82
25) 2-Butanone	3.838	43	225	0.049	ug/l #	66
26) 2,2-Dichloropropane	3.661	77	443	0.046	ug/l	79
27) cis-1,2-Dichloroethene	3.773	96	158	0.024	ug/l	70
28) Bromochloromethane	4.153	49	555	0.110	ug/l #	52
29) Tetrahydrofuran	4.230	42	95	0.037	ug/l #	1
30) Chloroform	4.230	83	100	0.008	ug/l	86
32) 1,1,1-Trichloroethane	4.522	97	301	0.028	ug/l #	25
37) Ethyl Acetate	3.969	43	96	0.009	ug/l #	1
39) Methylcyclohexane	6.059	83	178	0.023	ug/l #	50
40) Benzene	5.018	78	405	0.016	ug/l #	86
41) Methacrylonitrile	4.143	41	265	0.066	ug/l #	1
42) 1,2-Dichloroethane	5.047	62	177	0.018	ug/l	88
43) Isopropyl Acetate	5.182	43	514	0.034	ug/l #	69
44) Trichloroethene	5.818	130	173	0.025	ug/l	91
45) 1,2-Dichloropropane	6.069	63	83	0.012	ug/l #	45
46) Dibromomethane	6.210	93	123	0.022	ug/l #	19
47) Bromodichloromethane	6.416	83	134	0.011	ug/l #	51
48) Methyl methacrylate	6.272	41	346	0.050	ug/l #	80
51) 4-Methyl-2-Pentanone	7.133	43	238	0.023	ug/l #	36
52) Toluene	7.259	92	166	0.010	ug/l	83
53) t-1,3-Dichloropropene	7.571	75	430	0.042	ug/l #	44

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

54) cis-1,3-Dichloropropene	6.953	75	223	0.020	ug/l #	36
55) 1,1,2-Trichloroethane	7.760	97	79	0.010	ug/l #	36
56) Ethyl methacrylate	7.709	69	146	0.015	ug/l #	21
57) 1,3-Dichloropropane	7.947	76	225	0.018	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	163	0.059	ug/l #	70
59) 2-Hexanone	8.037	43	139	0.019	ug/l	91
60) Dibromochloromethane	8.169	129	180	0.017	ug/l	65
61) 1,2-Dibromoethane	8.310	107	223	0.028	ug/l	97
64) Tetrachloroethene	7.895	164	228	0.036	ug/l #	22
65) Chlorobenzene	8.796	112	893	0.044	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	8.908	131	142	0.017	ug/l #	34
67) Ethyl Benzene	8.944	91	223	0.008	ug/l #	44
68) m/p-Xylenes	9.050	106	50	0.004	ug/l	89
69) o-Xylene	9.458	106	50	0.005	ug/l	74
70) Styrene	9.612	104	123	0.006	ug/l	89
71) Bromoform	9.664	173	523	0.066	ug/l #	94
73) Isopropylbenzene	9.866	105	1172	0.048	ug/l	84
74) N-amyl acetate	9.718	43	284	0.030	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.159	83	144	0.013	ug/l #	1
77) Bromobenzene	10.056	156	100	0.013	ug/l	65
78) n-propylbenzene	10.252	91	148	0.005	ug/l	83
79) 2-Chlorotoluene	10.143	91	245	0.014	ug/l	90
80) 1,3,5-Trimethylbenzene	10.484	105	1011	0.050	ug/l	64
82) 4-Chlorotoluene	10.664	91	454	0.023	ug/l	91
83) tert-Butylbenzene	10.792	119	1341	0.061	ug/l	96
84) 1,2,4-Trimethylbenzene	10.860	105	825	0.042	ug/l	86
85) sec-Butylbenzene	10.960	105	196	0.007	ug/l	84
86) p-Isopropyltoluene	11.172	119	2489	0.110	ug/l #	55
87) 1,3-Dichlorobenzene	11.123	146	1549	0.107	ug/l #	80
89) n-Butylbenzene	11.596	91	2727	0.135	ug/l	78
90) Hexachloroethane	11.831	117	483	0.086	ug/l #	13
91) 1,2-Dichlorobenzene	11.451	146	80	0.006	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	12.390	75	261	0.119	ug/l	65
95) Naphthalene	13.390	128	211	0.009	ug/l #	19
96) 1,2,3-Trichlorobenzene	13.680	180	834	0.090	ug/l #	23

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

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