

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063695.D
 Acq On : 10 Nov 2025 15:03
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Nov 11 01:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	689372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	1294895	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	1315610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	858939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	529427	51.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.980%	
35) Dibromofluoromethane	5.255	113	454282	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	7.872	98	1490422	45.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.480%#	
62) 4-Bromofluorobenzene	10.608	95	759934	56.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.760%	

Target Compounds				Qvalue		
4) Vinyl Chloride	1.589	62	1674	0.327	ug/l #	76
11) Tert butyl alcohol	3.161	59	1853	0.780	ug/l #	73
12) 1,1-Dichloroethene	2.554	96	1823	0.340	ug/l #	90
14) Allyl chloride	2.895	41	2766	0.277	ug/l	94
15) Acrylonitrile	3.322	53	1351	0.278	ug/l #	71
17) Carbon Disulfide	2.766	76	6629	0.859	ug/l #	93
18) Methyl Acetate	2.936	43	1869	1.666	ug/l #	66
21) trans-1,2-Dichloroethene	3.325	96	3489	0.634	ug/l #	79
27) cis-1,2-Dichloroethene	4.647	96	2697	0.335	ug/l	92
28) Bromochloromethane	4.943	49	1612	0.317	ug/l #	82
29) Tetrahydrofuran	5.046	42	2907	0.712	ug/l #	57
36) 1,1-Dichloropropene	5.509	75	2932	0.318	ug/l	91
38) Carbon Tetrachloride	5.341	117	72258	7.243	ug/l #	15
44) Trichloroethene	6.521	130	2604	0.312	ug/l	81
46) Dibromomethane	6.894	93	1902	0.313	ug/l	89
49) 1,4-Dioxane	6.959	88	1841	7.389	ug/l #	80
51) 4-Methyl-2-Pentanone	7.769	43	26008	1.774	ug/l	99
53) t-1,3-Dichloropropene	8.197	75	2929	0.282	ug/l	98
56) Ethyl methacrylate	8.319	69	3099	0.237	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.441	63	76	0.483	ug/l #	57
59) 2-Hexanone	8.669	43	36326	3.327	ug/l	94
65) Chlorobenzene	9.422	112	7443	0.290	ug/l	97
67) Ethyl Benzene	9.550	91	9713	0.227	ug/l	95
68) m/p-Xylenes	9.676	106	6455	0.408	ug/l	89
70) Styrene	10.097	104	8779	0.335	ug/l	93
71) Bromoform	10.270	173	1636	0.232	ug/l #	100
74) N-amyl acetate	10.306	43	15486	0.824	ug/l	96
77) Bromobenzene	10.759	156	4101	0.302	ug/l	69
78) n-propylbenzene	10.885	91	21708	0.351	ug/l	99
79) 2-Chlorotoluene	10.965	91	8172	0.204	ug/l	98
82) 4-Chlorotoluene	11.077	91	16958	0.373	ug/l	95
84) 1,2,4-Trimethylbenzene	11.444	105	12137	0.273	ug/l	98
85) sec-Butylbenzene	11.621	105	20331	0.341	ug/l	96
86) p-Isopropyltoluene	11.772	119	19912	0.417	ug/l	85
87) 1,3-Dichlorobenzene	11.724	146	13023	0.511	ug/l	97
88) 1,4-Dichlorobenzene	11.724	146	13023	0.488	ug/l	97

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89) n-Butylbenzene	12.187	91	44367	1.011	ug/l	99
91) 1,2-Dichlorobenzene	12.190	146	11499	0.452	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.971	75	2333	0.549	ug/l	89
93) 1,2,4-Trichlorobenzene	13.817	180	24987	1.539	ug/l	99
94) Hexachlorobutadiene	13.994	225	5464	0.668	ug/l	95
95) Naphthalene	14.064	128	147815	3.361	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	27370	1.813	ug/l	98

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

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