

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026787.D
 Acq On : 22 Oct 2025 15:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

Quant Time: Oct 24 09:28:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:26:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.831	168	23576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.789	114	34946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.950	117	25175	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	14.153	152	21474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.201	65	17005	92.445	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.900%	
35) Dibromofluoromethane	7.749	113	13137	91.452	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.900%	
50) Toluene-d8	10.446	98	23265	58.055	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.100%	
62) 4-Bromofluorobenzene	13.066	95	11130	42.179	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.360%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	2853	16.170	ug/l	100
3) Chloromethane	2.214	50	4458	20.073	ug/l #	6
4) Vinyl Chloride	2.338	62	2935	10.984	ug/l #	47
5) Bromomethane	2.672	94	344	2.012	ug/l #	52
6) Chloroethane	2.813	64	381	1.985	ug/l #	47
7) Trichlorofluoromethane	3.195	101	3988	10.973	ug/l #	70
8) Diethyl Ether	3.577	74	176	1.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	472	2.061	ug/l	95
10) Methyl Iodide	4.153	142	12208	46.664	ug/l #	45
11) Tert butyl alcohol	4.987	59	2204	24.405	ug/l #	67
12) 1,1-Dichloroethene	3.912	96	1727	7.562	ug/l #	38
13) Acrolein	3.801	56	9354	156.732	ug/l	95
14) Allyl chloride	4.488	41	2202	4.609	ug/l #	79
15) Acrylonitrile	5.199	53	18969	95.074	ug/l #	71
16) Acetone	3.971	43	555	Below Cal		98
17) Carbon Disulfide	4.247	76	21225	51.114	ug/l	97
18) Methyl Acetate	4.535	43	8520	13.455	ug/l #	80
19) Methyl tert-butyl Ether	5.258	73	1039	1.070	ug/l	92
20) Methylene Chloride	4.723	84	6753	23.603	ug/l #	67
21) trans-1,2-Dichloroethene	5.211	96	2372	10.211	ug/l #	44
22) Diisopropyl ether	6.127	45	1301	1.274	ug/l #	36
23) Vinyl Acetate	6.063	43	7088	10.541	ug/l #	71
24) 1,1-Dichloroethane	6.004	63	1593	3.065	ug/l #	44
25) 2-Butanone	7.015	43	18410	56.916	ug/l #	70
26) 2,2-Dichloropropane	6.968	77	1542	3.473	ug/l	83
27) cis-1,2-Dichloroethene	6.979	96	1715	5.284	ug/l	13
28) Bromochloromethane	7.355	49	2382	10.144	ug/l #	59
29) Tetrahydrofuran	7.391	42	15506	86.853	ug/l #	76
30) Chloroform	7.532	83	1477	2.935	ug/l #	22
31) Cyclohexane	7.819	56	4131	9.506	ug/l #	91
32) 1,1,1-Trichloroethane	7.743	97	1369	3.287	ug/l #	74
36) 1,1-Dichloropropene	7.960	75	5953	21.574	ug/l #	78
37) Ethyl Acetate	7.091	43	6513	16.112	ug/l #	96
38) Carbon Tetrachloride	7.949	117	1927	7.489	ug/l #	78
39) Methylcyclohexane	9.341	83	6661	19.197	ug/l #	89
40) Benzene	8.237	78	6325	6.843	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026787.D
 Acq On : 22 Oct 2025 15:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

Quant Time: Oct 24 09:28:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:26:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	5159	21.651	ug/l #	34
42) 1,2-Dichloroethane	8.284	62	1285	4.243	ug/l	93
43) Isopropyl Acetate	8.342	43	2078	3.070	ug/l #	45
44) Trichloroethene	9.071	130	4658	21.115	ug/l	70
45) 1,2-Dichloropropane	9.376	63	1905	7.892	ug/l #	39
46) Dibromomethane	9.476	93	2721	16.984	ug/l #	78
47) Bromodichloromethane	9.682	83	2636	7.909	ug/l #	46
48) Methyl methacrylate	9.465	41	2728	8.576	ug/l #	33
49) 1,4-Dioxane	9.476	88	7010	1001.432	ug/l #	88
51) 4-Methyl-2-Pentanone	10.334	43	57046	128.527	ug/l	96
52) Toluene	10.522	92	6800	10.920	ug/l	81
53) t-1,3-Dichloropropene	10.775	75	4485	11.793	ug/l	98
54) cis-1,3-Dichloropropene	10.164	75	3732	9.433	ug/l #	59
55) 1,1,2-Trichloroethane	10.981	97	1846	7.338	ug/l #	56
56) Ethyl methacrylate	10.828	69	7369	15.822	ug/l	88
57) 1,3-Dichloropropane	11.192	76	193	0.457	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.888	63	183	23.257	ug/l	91
59) 2-Hexanone	11.192	43	113070	291.307	ug/l	97
60) Dibromochloromethane	11.509	129	132	0.513	ug/l	80
61) 1,2-Dibromoethane	11.398	107	81	0.324	ug/l	85
64) Tetrachloroethene	11.063	164	4863	36.781	ug/l #	66
65) Chlorobenzene	11.973	112	16830	30.045	ug/l #	69
66) 1,1,1,2-Tetrachloroethane	12.050	131	1969	11.398	ug/l	84
67) Ethyl Benzene	12.056	91	21823	23.278	ug/l #	85
68) m/p-Xylenes	12.185	106	16990	46.176	ug/l	82
69) o-Xylene	12.561	106	7600	20.613	ug/l	75
70) Styrene	12.585	104	19913	29.522	ug/l	93
71) Bromoform	12.761	173	2527	17.720	ug/l #	96
73) Isopropylbenzene	12.896	105	22538	17.966	ug/l	80
74) N-amyl acetate	12.684	43	58006	82.942	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	13.178	83	6014	12.962	ug/l	96
76) 1,2,3-Trichloropropane	13.243	75	8067	20.766	ug/l	84
77) Bromobenzene	13.213	156	9674	31.585	ug/l	64
78) n-propylbenzene	13.284	91	41000	26.482	ug/l	90
79) 2-Chlorotoluene	13.395	91	22575	24.433	ug/l	94
80) 1,3,5-Trimethylbenzene	13.442	105	26079	23.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.949	75	2636	15.833	ug/l #	51
82) 4-Chlorotoluene	13.495	91	31013	31.977	ug/l	77
83) tert-Butylbenzene	13.754	119	19394	18.564	ug/l	77
84) 1,2,4-Trimethylbenzene	13.801	105	32434	27.128	ug/l	95
85) sec-Butylbenzene	13.948	105	43213	28.711	ug/l	95
86) p-Isopropyltoluene	14.077	119	42382	32.458	ug/l	94
87) 1,3-Dichlorobenzene	14.089	146	28871	41.439	ug/l	77
88) 1,4-Dichlorobenzene	14.171	146	34763	48.071	ug/l	93
89) n-Butylbenzene	14.447	91	72868	57.034	ug/l	97
90) Hexachloroethane	14.706	117	427	2.020	ug/l	60
91) 1,2-Dichlorobenzene	14.500	146	27360	38.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.217	75	5515	51.698	ug/l #	59
93) 1,2,4-Trichlorobenzene	16.028	180	56732	125.316	ug/l	99
94) Hexachlorobutadiene	16.163	225	14828	92.160	ug/l	84
95) Naphthalene	16.333	128	483782	340.771	ug/l	99
96) 1,2,3-Trichlorobenzene	16.574	180	68932	154.572	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
Data File : VR026787.D
Acq On : 22 Oct 2025 15:51
Operator : SY/MD
Sample : VIBLK
Misc : 5mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK

Quant Time: Oct 24 09:28:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 09:26:03 2025
Response via : Initial Calibration

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

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

