

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048235.D
 Acq On : 20 Oct 2025 13:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 20 14:17:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	68207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	133784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	141173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	55490	58.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.060%
35) Dibromofluoromethane	5.373	113	46373	50.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	8.634	98	168196	52.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.080%
62) 4-Bromofluorobenzene	11.061	95	72231	59.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	281	0.401	ug/l	88
3) Chloromethane	1.306	50	416	0.636	ug/l #	42
4) Vinyl Chloride	1.379	62	246	0.406	ug/l #	87
5) Bromomethane	1.629	94	625	1.520	ug/l	90
7) Trichlorofluoromethane	1.898	101	415	0.357	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.337	101	453	0.615	ug/l #	85
10) Methyl Iodide	2.471	142	1670	1.805	ug/l #	94
11) Tert butyl alcohol	2.946	59	642	6.761	ug/l #	72
12) 1,1-Dichloroethene	2.324	96	208	0.290	ug/l	84
13) Acrolein	2.245	56	243	2.509	ug/l #	82
14) Allyl chloride	2.684	41	339	0.285	ug/l #	66
15) Acrylonitrile	3.068	53	953	2.783	ug/l #	84
16) Acetone	2.379	43	688	2.097	ug/l #	69
17) Carbon Disulfide	2.519	76	4696	2.081	ug/l	96
18) Methyl Acetate	2.702	43	532	0.776	ug/l #	63
20) Methylene Chloride	2.800	84	280	0.350	ug/l #	54
21) trans-1,2-Dichloroethene	3.105	96	612	0.778	ug/l #	58
23) Vinyl Acetate	3.733	43	575	0.304	ug/l #	73
25) 2-Butanone	4.544	43	274	0.660	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	259	0.282	ug/l	50
29) Tetrahydrofuran	5.019	42	249	1.001	ug/l #	43
31) Cyclohexane	5.452	56	599	0.505	ug/l #	78
36) 1,1-Dichloropropene	5.690	75	489	0.377	ug/l #	57
39) Methylcyclohexane	7.366	83	1213	0.791	ug/l	89
42) 1,2-Dichloroethane	6.074	62	352	0.253	ug/l #	76
44) Trichloroethene	7.128	130	435	0.437	ug/l	83
46) Dibromomethane	7.580	93	205	0.294	ug/l #	75
49) 1,4-Dioxane	7.671	88	78	6.620	ug/l #	34
51) 4-Methyl-2-Pentanone	8.567	43	806	0.791	ug/l	99
52) Toluene	8.707	92	704	0.294	ug/l	89
53) t-1,3-Dichloropropene	8.976	75	418	0.288	ug/l #	59
58) 2-Chloroethyl Vinyl ether	8.250	63	315	2.144	ug/l #	71
59) 2-Hexanone	9.433	43	640	0.901	ug/l	97
61) 1,2-Dibromoethane	9.604	107	254	0.268	ug/l #	62
64) Tetrachloroethene	9.262	164	832	0.789	ug/l #	80
65) Chlorobenzene	10.067	112	1210	0.381	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.177	91	1853	0.343	ug/l #	88
68) m/p-Xylenes	10.286	106	1562	0.778	ug/l	95
69) o-Xylene	10.628	106	629	0.324	ug/l	86
70) Styrene	10.652	104	1179	0.357	ug/l #	83
71) Bromoform	10.786	173	221	0.237	ug/l #	91
73) Isopropylbenzene	10.945	105	2744	0.515	ug/l	95
74) N-ethyl acetate	10.835	43	415	0.219	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	11.195	83	325	0.223	ug/l #	91
76) 1,2,3-Trichloropropane	11.061	75	38028	32.124	ug/l #	33
77) Bromobenzene	11.183	156	586	0.438	ug/l	92
78) n-propylbenzene	11.286	91	5316	0.861	ug/l	99
79) 2-Chlorotoluene	11.347	91	2193	0.586	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	3945	0.894	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	38028	78.155	ug/l #	10
82) 4-Chlorotoluene	11.439	91	3141	0.707	ug/l	94
83) tert-Butylbenzene	11.695	119	4256	0.939	ug/l	87
84) 1,2,4-Trimethylbenzene	11.731	105	3681	0.836	ug/l	99
85) sec-Butylbenzene	11.871	105	8748	1.604	ug/l	96
86) p-Isopropyltoluene	11.993	119	7922	1.680	ug/l	90
87) 1,3-Dichlorobenzene	11.951	146	2500	0.992	ug/l	95
88) 1,4-Dichlorobenzene	11.951	146	2500	0.958	ug/l	94
89) n-Butylbenzene	12.317	91	11186	2.607	ug/l	98
90) Hexachloroethane	12.518	117	1712	1.839	ug/l	87
91) 1,2-Dichlorobenzene	12.317	146	1897	0.802	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.926	75	188	0.636	ug/l	77
93) 1,2,4-Trichlorobenzene	13.572	180	5845	3.653	ug/l	96
94) Hexachlorobutadiene	13.707	225	7004	11.731	ug/l	97
95) Naphthalene	13.761	128	11793	2.782	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	5914	4.027	ug/l	96

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

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