

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046523.D
 Acq On : 06 Jun 2025 11:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 06 16:42:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	85790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	168457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	76524	50.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	5.410	113	58804	47.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.940%	
50) Toluene-d8	8.653	98	199387	48.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	11.079	95	89749	53.111	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.220%	

Target Compounds				Qvalue		
3) Chloromethane	1.313	50	372	0.343	ug/l #	78
5) Bromomethane	1.636	94	861	1.312	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	2.355	101	300	0.266	ug/l #	59
10) Methyl Iodide	2.477	142	1120	0.917	ug/l #	97
11) Tert butyl alcohol	2.971	59	143	0.844	ug/l #	72
13) Acrolein	2.252	56	238	31.028	ug/l #	73
15) Acrylonitrile	3.093	53	770	1.202	ug/l	86
16) Acetone	2.404	43	1265	6.666	ug/l #	88
17) Carbon Disulfide	2.532	76	3229	1.689	ug/l #	92
20) Methylene Chloride	2.813	84	424	0.346	ug/l #	69
21) trans-1,2-Dichloroethene	3.117	96	612	0.568	ug/l	95
27) cis-1,2-Dichloroethene	4.526	96	266	0.200	ug/l	74
29) Tetrahydrofuran	5.044	42	164	0.306	ug/l #	54
36) 1,1-Dichloropropene	5.568	75	8467	4.785	ug/l #	51
38) Carbon Tetrachloride	5.568	117	10416	5.255	ug/l #	16
39) Methylcyclohexane	7.385	83	507	0.243	ug/l #	69
44) Trichloroethene	7.141	130	393	0.310	ug/l	90
46) Dibromomethane	7.604	93	316	0.327	ug/l	91
49) 1,4-Dioxane	7.702	88	127	6.130	ug/l #	71
51) 4-Methyl-2-Pentanone	8.580	43	545	0.285	ug/l #	87
53) t-1,3-Dichloropropene	9.000	75	611	0.343	ug/l	97
54) cis-1,3-Dichloropropene	8.379	75	404	0.204	ug/l #	52
58) 2-Chloroethyl Vinyl ether	8.275	63	501	0.486	ug/l #	70
59) 2-Hexanone	9.458	43	424	0.309	ug/l	87
61) 1,2-Dibromoethane	9.622	107	300	0.234	ug/l	96
64) Tetrachloroethene	9.275	164	405	0.374	ug/l	96
65) Chlorobenzene	10.086	112	1272	0.334	ug/l #	85
67) Ethyl Benzene	10.201	91	1588	0.239	ug/l	96
68) m/p-Xylenes	10.305	106	1276	0.529	ug/l	98
70) Styrene	10.665	104	1130	0.283	ug/l	97
71) Bromoform	10.805	173	214	0.218	ug/l #	30
73) Isopropylbenzene	10.963	105	1416	0.241	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	49585	30.846	ug/l #	36
77) Bromobenzene	11.201	156	549	0.403	ug/l	97
78) n-propylbenzene	11.305	91	3121	0.439	ug/l	98
79) 2-Chlorotoluene	11.372	91	1686	0.394	ug/l	89

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

80) 1,3,5-Trimethylbenzene	11.457	105	1596	0.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	49585	90.455	ug/l #	1
82) 4-Chlorotoluene	11.457	91	2815	0.554	ug/l	95
83) tert-Butylbenzene	11.713	119	1370	0.275	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1612	0.326	ug/l	94
85) sec-Butylbenzene	11.890	105	2825	0.442	ug/l	99
86) p-Isopropyltoluene	12.012	119	2700	0.506	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	1833	0.693	ug/l	99
88) 1,4-Dichlorobenzene	11.975	146	1833	0.669	ug/l	99
89) n-Butylbenzene	12.335	91	4223	0.806	ug/l	98
90) Hexachloroethane	12.536	117	351	0.370	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	1240	0.486	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2126	1.221	ug/l	96
94) Hexachlorobutadiene	13.719	225	919	1.135	ug/l	94
95) Naphthalene	13.780	128	4498	0.814	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1803	1.032	ug/l	99

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

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