

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044639.D
 Acq On : 09 Jan 2025 02:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 09 02:29:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	28095	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	149667	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146901	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	93691	30.459	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.533%
60) 4-Bromofluorobenzene	11.079	95	76093	27.745	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.500%
63) Toluene-d8	8.647	98	223454	27.205	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	90.667%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	835	0.329	ug/l	78
3) Chloromethane	1.295	50	986	0.387	ug/l	97
4) Vinyl Chloride	1.374	62	1084	0.452	ug/l #	72
5) Bromomethane	1.599	94	901	0.745	ug/l #	66
6) Chloroethane	1.666	64	513	0.382	ug/l	90
7) Trichlorofluoromethane	1.880	101	1131	0.307	ug/l #	80
10) 1,1-Dichloroethene	2.313	96	854	0.438	ug/l	92
13) Acrolein	2.233	56	933	1.849	ug/l	88
14) Acrylonitrile	3.069	53	1462	1.415	ug/l #	35
15) Acetone	2.374	58	739	2.814	ug/l	75
16) Carbon Disulfide	2.508	76	7583	1.776	ug/l	97
18) Methylene Chloride	2.794	84	1212	0.537	ug/l #	67
19) trans-1,2-Dichloroethene	3.087	96	2127	1.067	ug/l #	93
22) cis-1,2-Dichloroethene	4.495	96	1115	0.454	ug/l #	47
23) tert-Butyl Alcohol	2.934	59	6337	16.206	ug/l #	100
30) 2-Butanone	4.587	43	865	0.618	ug/l #	79
33) Carbon Tetrachloride	5.666	117	678	0.224	ug/l #	64
37) Trichloroethene	7.117	130	503	0.239	ug/l #	1
41) Bromodichloromethane	7.830	83	882	0.287	ug/l #	69
42) Vinyl Acetate	3.733	43	4376	0.743	ug/l #	81
48) t-1,3-Dichloropropene	9.000	75	1386	0.465	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	427	0.206	ug/l #	42
53) Dibromochloromethane	9.519	129	591	0.274	ug/l	90
54) 1,2-Dibromoethane	9.616	107	991	0.464	ug/l	82
55) 2-Chloroethyl vinyl ether	8.257	63	3098	1.982	ug/l	98
56) Bromoform	10.805	173	390	0.293	ug/l #	75
58) 4-Methyl-2-Pentanone	8.580	43	3252	1.085	ug/l	95
61) Tetrachloroethene	9.269	164	1222	0.648	ug/l #	72
64) Chlorobenzene	10.080	112	3738	0.623	ug/l #	87
66) Ethyl Benzene	10.195	91	4575	0.440	ug/l	97
69) Styrene	10.665	104	3368	0.532	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.207	83	1041	0.340	ug/l #	84
83) 1,3-Dichlorobenzene	11.976	146	3156	0.755	ug/l	92
84) 1,4-Dichlorobenzene	12.049	146	4402	1.052	ug/l	92
87) 1,2-Dichlorobenzene	12.341	146	3167	0.742	ug/l	94
91) Naphthalene	13.780	128	19006	2.294	ug/l	98

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