

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077613.D
 Acq On : 08 May 2023 12:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 08 12:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 08 12:44:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	112542	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	671979	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	550002	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	250971	31.010	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.367%	
60) 4-Bromofluorobenzene	12.854	95	218916	25.032	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.433%	
63) Toluene-d8	10.572	98	785981	30.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.133%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.378	50	3497	0.623	ug/l #	84
12) Methyl Acetate	5.043	43	2905	0.401	ug/l #	67
13) Acrolein	4.190	56	636	0.716	ug/l #	1
14) Acrylonitrile	5.731	53	2374	1.077	ug/l	74
15) Acetone	4.443	58	514	0.766	ug/l #	1
16) Carbon Disulfide	4.719	76	12701	0.882	ug/l	99
18) Methylene Chloride	5.290	84	5234	0.718	ug/l #	84
19) trans-1,2-Dichloroethene	5.796	96	1504	0.223	ug/l #	72
30) 2-Butanone	7.478	43	740	0.287	ug/l #	62
36) 1,2-Dichloroethane	8.666	62	2071	0.213	ug/l #	93
37) Trichloroethene	9.354	130	2263	0.300	ug/l #	64
45) 1,4-Dioxane	9.701	88	501	3.972	ug/l #	77
55) 2-Chloroethyl vinyl ether	10.166	63	4110	0.917	ug/l #	83
58) 4-Methyl-2-Pentanone	10.448	43	2318	0.458	ug/l #	80
59) 2-Hexanone	11.201	43	6164	1.686	ug/l #	66
61) Tetrachloroethene	11.107	164	1768	0.332	ug/l	89
64) Chlorobenzene	11.895	112	4963	0.265	ug/l	99
69) Styrene	12.425	104	6533	0.312	ug/l #	37
71) 1,1,2,2-Tetrachloroethane	12.948	83	2151	0.236	ug/l #	66
73) Bromobenzene	12.977	156	3414	0.481	ug/l	76
74) n-propylbenzene	13.042	91	8131	0.214	ug/l	98
75) 2-Chlorotoluene	13.130	91	6404	0.279	ug/l	93
77) t-1,4-Dichloro-2-butene	12.854	75	114161	43.222	ug/l #	12
78) 4-Chlorotoluene	13.224	91	10210	0.455	ug/l	94
80) 1,2,4-Trimethylbenzene	13.495	105	5484	0.210	ug/l	68
82) p-Isopropyltoluene	13.736	119	5449	0.203	ug/l	90
83) 1,3-Dichlorobenzene	13.736	146	7539	0.571	ug/l	82
84) 1,4-Dichlorobenzene	13.819	146	9727	0.753	ug/l	97
85) n-Butylbenzene	14.054	91	7839	0.355	ug/l	93
87) 1,2-Dichlorobenzene	14.113	146	6771	0.529	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	1495	0.903	ug/l #	42
89) 1,2,4-Trichlorobenzene	15.395	180	7036	1.595	ug/l #	70
90) Hexachlorobutadiene	15.489	225	670	0.269	ug/l	54
91) Naphthalene	15.642	128	31582	2.095	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.842	180	6543	1.610	ug/l	88

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

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