

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076915.D
 Acq On : 10 Mar 2023 10:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 10 15:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	410012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	676681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	242266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	271050	44.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.600%
35) Dibromofluoromethane	8.172	113	209521	46.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.571	98	788218	47.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.848	95	272760	44.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.740%

Target Compounds				Qvalue		
3) Chloromethane	2.378	50	1001	0.250	ug/l #	40
5) Bromomethane	2.995	94	1592	0.583	ug/l	87
6) Chloroethane	3.131	64	491	0.209	ug/l #	42
10) Methyl Iodide	4.613	142	2315	0.450	ug/l #	89
11) Tert butyl alcohol	5.531	59	188	0.221	ug/l #	72
13) Acrolein	4.201	56	417	0.545	ug/l #	44
15) Acrylonitrile	5.748	53	2371	0.986	ug/l #	93
16) Acetone	4.472	43	2021	0.953	ug/l #	40
17) Carbon Disulfide	4.731	76	5320	0.424	ug/l	97
20) Methylene Chloride	5.295	84	1673	0.307	ug/l #	72
25) 2-Butanone	7.501	43	1482	0.491	ug/l #	83
31) Cyclohexane	8.230	56	9168	1.044	ug/l #	27
36) 1,1-Dichloropropene	8.236	75	33433	4.793	ug/l #	50
38) Carbon Tetrachloride	8.230	117	44966	5.508	ug/l #	15
43) Isopropyl Acetate	8.748	43	2122	0.216	ug/l #	48
49) 1,4-Dioxane	9.724	88	97	1.062	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	2205	0.373	ug/l #	68
59) 2-Hexanone	11.195	43	4432	1.028	ug/l	97
65) Chlorobenzene	11.895	112	4288	0.323	ug/l #	70
68) m/p-Xylenes	12.083	106	3173	0.346	ug/l	96
70) Styrene	12.418	104	3208	0.223	ug/l #	83
74) N-amyl acetate	12.495	43	1953	0.273	ug/l #	90
76) 1,2,3-Trichloropropane	12.854	75	146741	24.983	ug/l #	1
77) Bromobenzene	12.977	156	1884	0.390	ug/l	82
78) n-propylbenzene	13.042	91	6781	0.282	ug/l	97
79) 2-Chlorotoluene	13.124	91	4338	0.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.854	75	146741	81.608	ug/l #	15
82) 4-Chlorotoluene	13.218	91	6128	0.416	ug/l	98
85) sec-Butylbenzene	13.624	105	4704	0.220	ug/l	94
86) p-Isopropyltoluene	13.736	119	3525	0.204	ug/l #	87
87) 1,3-Dichlorobenzene	13.742	146	5128	0.583	ug/l	92
88) 1,4-Dichlorobenzene	13.742	146	5128	0.581	ug/l	92
89) n-Butylbenzene	14.054	91	5617	0.389	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	5011	0.567	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	696	0.496	ug/l	72
93) 1,2,4-Trichlorobenzene	15.401	180	5594	1.139	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.512	225	1042	0.398	ug/l	88
95) Naphthalene	15.642	128	22949	1.569	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	6366	1.335	ug/l	98

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

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