

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071620.D
 Acq On : 28 Mar 2022 22:21
 Operator : JC\MD
 Sample : N2130-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Mar 29 09:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	739657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1239177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1241260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	434756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	425014	47.923	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.016	113	352199	46.278	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.560%
50) Toluene-d8	10.439	98	1537260	48.970	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.727	95	496764	48.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.020%

Target Compounds					Qvalue	
10) Methyl Iodide	4.416	142	54	0.005	ug/l #	44
13) Acrolein	4.034	56	152	0.116	ug/l #	16
17) Carbon Disulfide	4.516	76	549	0.033	ug/l #	75
20) Methylene Chloride	5.098	84	371	0.046	ug/l #	62
25) 2-Butanone	7.357	43	137	0.024	ug/l #	45
29) Tetrahydrofuran	7.698	42	504	0.136	ug/l #	48
30) Chloroform	7.816	83	184	0.013	ug/l #	24
32) 1,1,1-Trichloroethane	8.087	97	84	0.007	ug/l #	1
37) Ethyl Acetate	7.357	43	137	0.011	ug/l #	67
39) Methylcyclohexane	9.451	83	57	0.004	ug/l #	19
40) Benzene	8.463	78	447	0.013	ug/l #	51
41) Methacrylonitrile	7.687	41	278	0.048	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1013	0.087	ug/l #	74
51) 4-Methyl-2-Pentanone	10.328	43	265	0.023	ug/l #	33
52) Toluene	10.504	92	307	0.014	ug/l	77
53) t-1,3-Dichloropropene	10.439	75	252	0.021	ug/l #	1
54) cis-1,3-Dichloropropene	10.439	75	252	0.019	ug/l #	1
59) 2-Hexanone	11.092	43	903	0.108	ug/l	73
65) Chlorobenzene	11.763	112	297	0.011	ug/l #	43
67) Ethyl Benzene	11.845	91	705	0.016	ug/l #	84
68) m/p-Xylenes	11.945	106	358	0.021	ug/l	82
69) o-Xylene	12.274	106	68	0.004	ug/l	98
70) Styrene	12.292	104	192	0.007	ug/l #	78
73) Isopropylbenzene	12.586	105	243	0.006	ug/l #	48
74) N-amyl acetate	12.392	43	247	0.021	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.733	83	310	0.024	ug/l #	1
77) Bromobenzene	12.863	156	100	0.010	ug/l #	72
78) n-propylbenzene	12.910	91	795	0.019	ug/l	90
79) 2-Chlorotoluene	12.992	91	370	0.014	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.051	105	276	0.009	ug/l #	60
82) 4-Chlorotoluene	13.104	91	798	0.033	ug/l #	54
83) tert-Butylbenzene	13.310	119	229	0.008	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.357	105	664	0.023	ug/l	94
85) sec-Butylbenzene	13.498	105	356	0.010	ug/l #	56
86) p-Isopropyltoluene	13.610	119	503	0.017	ug/l #	76
87) 1,3-Dichlorobenzene	13.598	146	363	0.024	ug/l #	74

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.680	146	601	0.039	ug/l #	1
89) n-Butylbenzene	13.933	91	892	0.041	ug/l	89
91) 1,2-Dichlorobenzene	13.992	146	332	0.022	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.268	180	481	0.072	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.686	180	144	0.022	ug/l #	12

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

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