

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
 Data File : VN060267.D
 Acq On : 27 Feb 2020 13:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 27 13:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:34:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	281355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123928	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.56	113	90710	69.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.92%	
50) Toluene-d8	10.08	98	359214	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.40	95	130169	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	1287	Below Cal	100
4) Vinyl Chloride	2.16	62	618	0.253 ug/l	100
5) Bromomethane	2.55	94	295	Below Cal	# 15
11) Tert butyl alcohol	4.73	59	92	0.274 ug/l	# 73
12) 1,1-Dichloroethene	3.72	96	784	0.436 ug/l	# 28
13) Acrolein	3.58	56	796	2.539 ug/l	# 54
14) Allyl chloride	4.28	41	889	Below Cal	# 39
15) Acrylonitrile	4.95	53	983	1.074 ug/l	# 45
16) Acetone	3.79	43	1873	2.578 ug/l	# 44
17) Carbon Disulfide	4.03	76	7305	0.965 ug/l	# 87
21) trans-1,2-Dichloroethene	5.01	96	2006	0.771 ug/l	# 61
23) Vinyl Acetate	5.86	43	2442	0.480 ug/l	# 73
25) 2-Butanone	6.81	43	1851	1.559 ug/l	# 49
27) cis-1,2-Dichloroethene	6.79	96	488	Below Cal	75
29) Tetrahydrofuran	7.18	42	818	0.965 ug/l	# 76
36) 1,1-Dichloropropene	7.77	75	1161	0.431 ug/l	# 58
38) Carbon Tetrachloride	7.64	117	16975	6.343 ug/l	# 15
41) Methacrylonitrile	7.16	41	476	0.391 ug/l	# 100
42) 1,2-Dichloroethane	8.11	62	757	0.263 ug/l	# 76
44) Trichloroethene	8.82	130	930	0.424 ug/l	100
46) Dibromomethane	9.19	93	286	0.212 ug/l	# 82
49) 1,4-Dioxane	9.18	88	205	Below Cal	# 22
51) 4-Methyl-2-Pentanone	9.97	43	2141	0.840 ug/l	# 77
53) t-1,3-Dichloropropene	10.37	75	1287	0.389 ug/l	# 26
54) cis-1,3-Dichloropropene	9.81	75	896	0.256 ug/l	# 79
55) 1,1,2-Trichloroethane	10.55	97	483	0.241 ug/l	# 36
58) 2-Chloroethyl Vinyl ether	9.68	63	905	0.587 ug/l	# 68
59) 2-Hexanone	10.74	43	3210	1.697 ug/l	90
61) 1,2-Dibromoethane	11.00	107	439	0.224 ug/l	95
64) Tetrachloroethene	10.62	164	800	Below Cal	88
65) Chlorobenzene	11.42	112	1783	0.347 ug/l	92
67) Ethyl Benzene	11.51	91	2058	0.220 ug/l	98
68) m/p-Xylenes	11.62	106	1472	0.423 ug/l	81
70) Styrene	11.96	104	1744	0.315 ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.24	105	1916	0.223	ug/l	97
74) N-amyl acetate	12.07	43	1464	0.393	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.50	83	634	0.269	ug/l #	93
76) 1,2,3-Trichloropropane	12.40	75	67519	28.000	ug/l #	100
77) Bromobenzene	12.53	156	997	0.470	ug/l	92
78) n-propylbenzene	12.59	91	3547	0.350	ug/l	93
79) 2-Chlorotoluene	12.67	91	2012	0.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2183	0.299	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	67519	73.914	ug/l #	8
82) 4-Chlorotoluene	12.77	91	3401	0.546	ug/l	98
83) tert-Butylbenzene	12.99	119	1776	0.282	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	2312	0.314	ug/l	99
85) sec-Butylbenzene	13.17	105	3264	0.384	ug/l	95
86) p-Isopropyltoluene	13.29	119	3696	0.480	ug/l	92
87) 1,3-Dichlorobenzene	13.28	146	3086	0.688	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	3086	0.796	ug/l	94
89) n-Butylbenzene	13.61	91	5375	0.752	ug/l	97
90) Hexachloroethane	13.88	117	254	0.219	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	2332	0.630	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.26	75	542	1.021	ug/l	80
93) 1,2,4-Trichlorobenzene	14.91	180	4925	2.169	ug/l	98
94) Hexachlorobutadiene	15.01	225	3373	2.462	ug/l	93
95) Naphthalene	15.13	128	16903	2.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	5789	2.357	ug/l	94

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

