

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067531.D
 Acq On : 28 Jun 2021 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:25 PM

Quant Time: Jun 29 05:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	279584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	490120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	452280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	172616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	176294	46.073	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.140%		
35) Dibromofluoromethane	8.024	113	147770	48.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.446	98	607902	49.246	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.733	95	206417	47.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	1527	0.528	ug/l	99
3) Chloromethane	2.303	50	1105	0.317	ug/l	# 80
4) Vinyl Chloride	2.445	62	1166	0.249	ug/l	# 87
5) Bromomethane	2.872	94	2681	0.779	ug/l	84
7) Trichlorofluoromethane	3.373	101	2317	0.276	ug/l	96
13) Acrolein	4.047	56	1164	5.292	ug/l	93
15) Acrylonitrile	5.562	53	2495	1.700	ug/l	# 88
16) Acetone	4.307	43	3326m	2.635	ug/l	
17) Carbon Disulfide	4.521	76	11341	1.482	ug/l	# 95
20) Methylene Chloride	5.101	84	2216	0.466	ug/l	# 78
21) trans-1,2-Dichloroethene	5.610	96	1983m	0.644	ug/l	
25) 2-Butanone	7.353	43	3968	2.039	ug/l	97
29) Tetrahydrofuran	7.707	42	1980	1.528	ug/l	# 91
36) 1,1-Dichloropropene	8.228	75	2118	0.479	ug/l	97
39) Methylcyclohexane	9.464	83	2031	0.379	ug/l	94
44) Trichloroethene	9.212	130	1941	0.556	ug/l	78
51) 4-Methyl-2-Pentanone	10.336	43	8714	2.081	ug/l	94
52) Toluene	10.515	92	2481	0.283	ug/l	92
53) t-1,3-Dichloropropene	10.725	75	1593	2.529	ug/l	# 63
55) 1,1,2-Trichloroethane	10.904	97	941	0.276	ug/l	91
56) Ethyl methacrylate	10.765	69	2001	0.387	ug/l	91
59) 2-Hexanone	11.089	43	16106	5.448	ug/l	88
60) Dibromochloromethane	11.245	129	564	2.542	ug/l	99
61) 1,2-Dibromoethane	11.347	107	701	0.200	ug/l	# 47
64) Tetrachloroethene	10.982	164	1756	0.554	ug/l	# 83
65) Chlorobenzene	11.773	112	5080	0.547	ug/l	97
67) Ethyl Benzene	11.848	91	7696	0.459	ug/l	97
68) m/p-Xylenes	11.961	106	6506	1.009	ug/l	85
69) o-Xylene	12.280	106	2282	0.357	ug/l	93
70) Styrene	12.294	104	6318	2.419	ug/l	# 86
71) Bromoform	12.460	173	816	3.731	ug/l	# 29
73) Isopropylbenzene	12.581	105	7500	0.517	ug/l	98
74) N-amyl acetate	12.390	43	9197	1.932	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	2922	0.710	ug/l	# 95
76) 1,2,3-Trichloropropane	12.878	75	3371m	0.974	ug/l	
77) Bromobenzene	12.865	156	2906	0.902	ug/l	76

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

78) n-propylbenzene	12.924	91	16123	0.997	ug/l	96
79) 2-Chlorotoluene	13.010	91	8124	0.822	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	8274	0.696	ug/l	97
82) 4-Chlorotoluene	13.109	91	12400	1.284	ug/l	92
83) tert-Butylbenzene	13.326	119	6304	0.611	ug/l	84
84) 1,2,4-Trimethylbenzene	13.372	105	11556	0.987	ug/l	98
85) sec-Butylbenzene	13.503	105	12655	0.892	ug/l	97
86) p-Isopropyltoluene	13.616	119	12947	1.134	ug/l	94
87) 1,3-Dichlorobenzene	13.621	146	9732	1.632	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	11608	1.970	ug/l	82
89) n-Butylbenzene	13.946	91	23267	2.472	ug/l	97
90) Hexachloroethane	14.217	117	509	0.253	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	10042	1.768	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.600	75	2281	3.167	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	17279	6.910	ug/l	97
94) Hexachlorobutadiene	15.378	225	3267	2.964	ug/l	99
95) Naphthalene	15.509	128	115728	15.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	23581	9.634	ug/l	97

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

