

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071643.D
 Acq On : 29 Mar 2022 19:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 06:08:32 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	701678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1164287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1155371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	487037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	390930	46.466	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.940%		
35) Dibromofluoromethane	8.016	113	323758	45.278	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.560%		
50) Toluene-d8	10.439	98	1444211	48.965	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.727	95	486669	50.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.160%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.440	62	191	0.021	ug/l #	43
5) Bromomethane	2.869	94	1003	0.190	ug/l #	71
7) Trichlorofluoromethane	3.381	101	130	0.012	ug/l #	18
10) Methyl Iodide	4.440	142	1677	0.175	ug/l #	57
14) Allyl chloride	4.846	41	117	0.012	ug/l #	24
15) Acrylonitrile	5.557	53	690	0.166	ug/l #	31
17) Carbon Disulfide	4.528	76	2506	0.160	ug/l #	83
20) Methylene Chloride	5.093	84	1038	0.135	ug/l #	33
21) trans-1,2-Dichloroethene	5.604	96	175	0.026	ug/l #	44
22) Diisopropyl ether	6.316	45	65	0.003	ug/l #	34
23) Vinyl Acetate	6.428	43	564	0.031	ug/l #	68
25) 2-Butanone	7.351	43	1034	0.192	ug/l	97
27) cis-1,2-Dichloroethene	7.334	96	130	0.016	ug/l #	12
30) Chloroform	7.816	83	183	0.014	ug/l #	18
37) Ethyl Acetate	7.392	43	158	0.014	ug/l #	67
39) Methylcyclohexane	9.451	83	168	0.013	ug/l #	19
40) Benzene	8.451	78	1258	0.040	ug/l #	89
41) Methacrylonitrile	7.681	41	104	0.019	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1022	0.094	ug/l #	74
44) Trichloroethene	9.222	130	315	0.038	ug/l	67
46) Dibromomethane	9.569	93	115	0.022	ug/l #	30
48) Methyl methacrylate	9.557	41	221	0.027	ug/l #	64
52) Toluene	10.504	92	818	0.040	ug/l #	61
53) t-1,3-Dichloropropene	10.716	75	62	0.005	ug/l #	86
54) cis-1,3-Dichloropropene	10.181	75	208	0.017	ug/l #	36
55) 1,1,2-Trichloroethane	10.886	97	145	0.018	ug/l #	16
56) Ethyl methacrylate	10.763	69	396	0.032	ug/l #	83
57) 1,3-Dichloropropane	11.045	76	271	0.020	ug/l #	42
60) Dibromochloromethane	11.228	129	56	0.007	ug/l #	11
61) 1,2-Dibromoethane	11.339	107	157	0.019	ug/l	99
64) Tetrachloroethene	10.969	164	296	0.037	ug/l #	47
65) Chlorobenzene	11.769	112	1390	0.058	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.833	131	62	0.007	ug/l #	8
67) Ethyl Benzene	11.839	91	3333	0.080	ug/l #	87
68) m/p-Xylenes	11.951	106	1591	0.101	ug/l	95
69) o-Xylene	12.280	106	630	0.040	ug/l	56

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

70) Styrene	12.286	104	1737	0.072	ug/l #	79
73) Isopropylbenzene	12.580	105	1662	0.039	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.833	83	1082	0.076	ug/l #	74
78) n-propylbenzene	12.916	91	5303	0.115	ug/l	96
79) 2-Chlorotoluene	13.104	91	2982	0.104	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	1599	0.048	ug/l	95
82) 4-Chlorotoluene	13.104	91	2982	0.111	ug/l	97
83) tert-Butylbenzene	13.316	119	2083	0.067	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.357	105	3423	0.104	ug/l	92
85) sec-Butylbenzene	13.504	105	3172	0.078	ug/l	96
86) p-Isopropyltoluene	13.610	119	3089	0.095	ug/l	80
87) 1,3-Dichlorobenzene	13.621	146	2616	0.151	ug/l	94
88) 1,4-Dichlorobenzene	13.621	146	2616	0.152	ug/l	93
90) Hexachloroethane	14.192	117	272	0.045	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	2016	0.119	ug/l	86
94) Hexachlorobutadiene	15.357	225	619	0.131	ug/l	69
95) Naphthalene	15.504	128	75577	7.533	ug/l	95

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

