

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067962.D
 Acq On : 29 Jul 2021 12:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 29 17:05:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	380410	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	687224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	643439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	266269	49.443	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.880%
35) Dibromofluoromethane	8.027	113	208847	52.146	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.300%
50) Toluene-d8	10.443	98	857173	46.655	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.733	95	283585	42.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	2012	0.516	ug/l	96
3) Chloromethane	2.306	50	1961	0.405	ug/l	91
4) Vinyl Chloride	2.448	62	2009	0.266	ug/l	# 84
5) Bromomethane	2.883	94	4998	0.742	ug/l	83
10) Methyl Iodide	4.411	142	846	3.276	ug/l	# 51
12) 1,1-Dichloroethene	4.181	96	1168	0.324	ug/l	# 60
13) Acrolein	4.041	56	1785	3.645	ug/l	95
16) Acetone	4.301	43	3194	1.625	ug/l	# 76
17) Carbon Disulfide	4.521	76	15535	1.485	ug/l	96
18) Methyl Acetate	4.873	43	4484	0.849	ug/l	# 85
20) Methylene Chloride	5.095	84	577	Below Cal	#	57
21) trans-1,2-Dichloroethene	5.594	96	3029	0.722	ug/l	# 69
23) Vinyl Acetate	6.442	43	4604	9.146	ug/l	# 92
25) 2-Butanone	7.359	43	5376	1.886	ug/l	96
29) Tetrahydrofuran	7.707	42	2279	1.248	ug/l	# 79
31) Cyclohexane	8.088	56	11280	1.420	ug/l	# 23
36) 1,1-Dichloropropene	8.222	75	2863	0.450	ug/l	85
37) Ethyl Acetate	7.359	43	5376	0.899	ug/l	# 54
38) Carbon Tetrachloride	8.088	117	40702	6.511	ug/l	# 16
39) Methylcyclohexane	9.459	83	2347	0.342	ug/l	88
41) Methacrylonitrile	7.643	41	982	0.345	ug/l	# 50
42) 1,2-Dichloroethane	8.534	62	1566	0.225	ug/l	# 79
44) Trichloroethene	9.217	130	2620	0.550	ug/l	65
46) Dibromomethane	9.585	93	1098	0.324	ug/l	# 71
48) Methyl methacrylate	9.558	41	579	2.416	ug/l	# 1
49) 1,4-Dioxane	9.579	88	822	10.366	ug/l	# 80
51) 4-Methyl-2-Pentanone	10.336	43	11988	14.134	ug/l	94
52) Toluene	10.507	92	3706	0.303	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	2124	3.077	ug/l	# 78
54) cis-1,3-Dichloropropene	10.191	75	1428	2.515	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	1290	0.272	ug/l	93
56) Ethyl methacrylate	10.768	69	3004	3.429	ug/l	# 79
57) 1,3-Dichloropropane	11.041	76	1707	0.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.054	63	465	23.687	ug/l	# 61
59) 2-Hexanone	11.089	43	23993	17.676	ug/l	97
60) Dibromochloromethane	11.240	129	904	3.445	ug/l	# 43

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

61) 1,2-Dibromoethane	11.355	107	1190	0.244	ug/l	93
64) Tetrachloroethene	10.977	164	1456	0.316	ug/l #	78
65) Chlorobenzene	11.773	112	7330	0.560	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.840	131	273	1.899	ug/l #	1
67) Ethyl Benzene	11.848	91	10642	0.457	ug/l	95
68) m/p-Xylenes	11.956	106	8683	4.880	ug/l	89
69) o-Xylene	12.283	106	3122	0.364	ug/l	92
70) Styrene	12.299	104	8621	3.115	ug/l	92
71) Bromoform	12.463	173	1124	4.282	ug/l #	97
73) Isopropylbenzene	12.583	105	9667	0.511	ug/l	98
74) N-amyl acetate	12.396	43	14581	2.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.833	83	4418	0.773	ug/l #	93
76) 1,2,3-Trichloropropane	12.881	75	6378	1.370	ug/l #	100
77) Bromobenzene	12.862	156	4408	1.015	ug/l	79
78) n-propylbenzene	12.924	91	21890	1.026	ug/l	97
79) 2-Chlorotoluene	13.010	91	10638	0.818	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	11042	0.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.733	75	156340	90.066	ug/l #	6
82) 4-Chlorotoluene	13.109	91	17187	1.316	ug/l	94
83) tert-Butylbenzene	13.329	119	7551	0.592	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	14848	1.000	ug/l	98
85) sec-Butylbenzene	13.506	105	16100	0.903	ug/l	98
86) p-Isopropyltoluene	13.619	119	16025	1.130	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	13433	1.684	ug/l	90
88) 1,4-Dichlorobenzene	13.699	146	15839	2.011	ug/l	84
89) n-Butylbenzene	13.946	91	30345	2.495	ug/l	98
90) Hexachloroethane	14.211	117	755	0.311	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	13450	1.791	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2917	3.197	ug/l	76
93) 1,2,4-Trichlorobenzene	15.268	180	24313	9.334	ug/l	97
94) Hexachlorobutadiene	15.375	225	6570	4.210	ug/l	97
95) Naphthalene	15.509	128	134328	16.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	30509	11.493	ug/l	99

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

