

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000763.D
 Acq On : 19 Apr 2018 04:53
 Operator : JU/SJ
 Sample : J2133-09
 Misc : 5PPM MDL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Quant Time: Apr 19 05:48:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	105237	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	436528	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	226734	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	469522	20.00	ng	0.00
75) Chrysene-d12	21.21	240	470016	20.00	ng	-0.01
86) Perylene-d12	23.40	264	476519	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	978917	138.18	ng	0.00
7) Phenol-d6	6.81	99	1273102	131.87	ng	0.00
23) Nitrobenzene-d5	8.78	82	703678	84.03	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	336534	147.44	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1414917	86.15	ng	0.00
78) Terphenyl-d14	19.65	244	1764494	80.94	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	17556	5.403	ng	# 89
3) Pyridine	3.63	79	40921	4.781	ng	99
4) n-Nitrosodimethylamine	3.55	42	10101	4.291	ng	91
6) Aniline	6.97	93	59259	4.627	ng	93
8) 2-Chlorophenol	7.20	128	36527	4.985	ng	90
9) Benzaldehyde	6.79	77	18104	1.985	ng	95
10) Phenol	6.83	94	49528	4.867	ng	92
11) bis(2-Chloroethyl)ether	7.07	93	39950	4.799	ng	86
12) 1,3-Dichlorobenzene	7.52	146	43755	5.142	ng	95
13) 1,4-Dichlorobenzene	7.66	146	44266	5.124	ng	96
14) 1,2-Dichlorobenzene	7.98	146	42394	5.141	ng	95
15) Benzyl Alcohol	7.86	79	26759	4.030	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	43722	4.945	ng	78
17) 2-Methylphenol	8.06	107	31188	4.559	ng	95
18) Hexachloroethane	8.69	117	15546	4.883	ng	# 79
19) n-Nitroso-di-n-propylamine	8.43	70	25612	4.265	ng	# 83
20) 3+4-Methylphenols	8.39	107	41100	4.372	ng	95
22) Acetophenone	8.44	105	60666	4.850	ng	# 88
24) Nitrobenzene	8.81	77	46609	5.191	ng	# 96
25) Isophorone	9.33	82	60898	4.014	ng	97
26) 2-Nitrophenol	9.52	139	13420	3.648	ng	95
27) 2,4-Dimethylphenol	9.58	122	26728	4.451	ng	95
28) bis(2-Chloroethoxy)methane	9.82	93	46765	4.728	ng	98
29) 2,4-Dichlorophenol	10.05	162	25239	4.268	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	35965	5.046	ng	96
31) Naphthalene	10.45	128	121124	5.161	ng	98
32) Benzoic acid	9.64	122	11666	6.474	ng	94
33) 4-Chloroaniline	10.55	127	42524	4.437	ng	97
34) Hexachlorobutadiene	10.73	225	19632	5.071	ng	94
35) Caprolactam	11.29	113	5358	2.619	ng	# 85
36) 4-Chloro-3-methylphenol	11.68	107	27894	3.995	ng	99
37) 2-Methylnaphthalene	12.06	142	76765	4.993	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	35145	4.998	ng	# 95
40) Hexachlorocyclopentadiene	12.42	237	17436	4.228	ng	95

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42) 2,4,6-Trichlorophenol	12.68	196	16184	3.795	nq	98
43) 2,4,5-Trichlorophenol	12.75	196	20184	4.098	nq	# 94
45) 1,1'-Biphenyl	13.09	154	106145	5.230	nq	97
46) 2-Chloronaphthalene	13.12	162	76846	5.050	nq	97
47) 2-Nitroaniline	13.33	65	14424	3.268	nq	95
48) Acenaphthylene	13.97	152	114880	4.763	nq	98
49) Dimethylphthalate	13.72	163	86318	4.764	nq	99
50) 2,6-Dinitrotoluene	13.83	165	14821	3.862	nq	91
51) Acenaphthene	14.32	154	74794	5.087	nq	98
52) 3-Nitroaniline	14.16	138	15500	3.549	nq	# 91
53) 2,4-Dinitrophenol	14.37	184	4371	7.728	nq	97
54) Dibenzofuran	14.66	168	110021	5.141	nq	97
55) 4-Nitrophenol	14.47	139	10326	3.184	nq	84
56) 2,4-Dinitrotoluene	14.62	165	17876	3.558	nq	93
57) Fluorene	15.31	166	86979	5.140	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	15568	4.111	nq	# 86
59) Diethylphthalate	15.10	149	81383	4.532	nq	99
60) 4-Chlorophenyl-phenylether	15.31	204	41398	5.234	nq	91
61) 4-Nitroaniline	15.32	138	14773	3.438	nq	96
62) Azobenzene	15.60	77	86580	4.503	nq	89
64) 4,6-Dinitro-2-methylphenol	15.39	198	8064	2.781	nq	90
65) n-Nitrosodiphenylamine	15.53	169	71851	4.558	nq	96
66) 4-Bromophenyl-phenylether	16.20	248	21965	4.605	nq	# 84
67) Hexachlorobenzene	16.31	284	27503	4.980	nq	# 90
68) Atrazine	16.48	200	11476	2.687	nq	97
69) Pentachlorophenol	16.66	266	10880	3.049	nq	96
70) Phenanthrene	17.05	178	139664	5.136	nq	99
71) Anthracene	17.14	178	125629	4.717	nq	97
72) Carbazole	17.41	167	118909	4.751	nq	96
73) Di-n-butylphthalate	17.99	149	104760	3.674	nq	98
74) Fluoranthene	19.07	202	133597	4.874	nq	93
76) Benzidine	19.26	184	24314	1.910	nq	95
77) Pyrene	19.43	202	148610	4.389	nq	100
79) Butylbenzylphthalate	20.36	149	37446	2.625	nq	# 94
80) Benzo(a)anthracene	21.19	228	144217	4.869	nq	97
81) 3,3'-Dichlorobenzidine	21.13	252	31137	3.339	nq	# 95
82) Chrysene	21.24	228	145391	5.070	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	62383	2.863	nq	95
84) Di-n-octyl phthalate	22.03	149	81032	2.599	nq	96
85) Indeno(1,2,3-cd)pyrene	26.23	276	122477	4.966	nq	# 92
87) Benzo(b)fluoranthene	22.74	252	133479	4.610	nq	# 96
88) Benzo(k)fluoranthene	22.79	252	136933	4.749	nq	# 96
89) Benzo(a)pyrene	23.30	252	119304	4.516	nq	# 94
90) Dibenzo(a,h)anthracene	25.59	278	126509	4.859	nq	# 93
91) Benzo(g,h,i)perylene	26.23	276	122477	4.819	nq	# 89

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

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