Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000108.D
Acq On : 15 Feb 2018 21:35
Operator : JU/SJ
Sample : J1161-09
Misc : 5 PPM MDL
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT1-2018

Quant Time: Feb 16 06:58:07 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	399696	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1999931	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1203877	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2625289	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2774738	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2895917	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	3249806	132.51	ng		-0.01
7) Phenol-d6	7.58	99	4686209	126.15	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3377199	100.40	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1590556	133.47	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	8255435	96.65	ng		-0.01
78) Terphenyl-d14	20.35	244	9931130	96.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	45146	4.575	ng		95
3) Pyridine	4.12	79	123187	4.010	ng		98
4) n-Nitrosodimethylamine	4.01	42	34078	3.923	ng		94
6) Aniline	7.76	93	206699	4.039	ng	#	89
8) 2-Chlorophenol	8.01	128	128169	4.469	ng		90
9) Benzaldehyde	7.58	77	72691	3.145	ng		96
10) Phenol	7.61	94	170718	4.353	ng		92
11) bis(2-Chloroethyl)ether	7.86	93	141626	4.391	ng	#	84
12) 1,3-Dichlorobenzene	8.35	146	150689	4.624	ng		96
13) 1,4-Dichlorobenzene	8.50	146	152694	4.588	ng		99
14) 1,2-Dichlorobenzene	8.82	146	151582	4.627	ng		92
15) Benzyl Alcohol	8.69	79	99970	3.744	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	153428	4.494	ng		81
17) 2-Methylphenol	8.89	107	111503	4.001	ng		97
18) Hexachloroethane	9.57	117	50202	4.334	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	93942	3.774	ng	#	82
20) 3+4-Methylphenols	9.22	107	148833	3.819	ng		91
22) Acetophenone	9.29	105	235523	4.203	ng	#	86
24) Nitrobenzene	9.68	77	181591	4.938	ng	#	93
25) Isophorone	10.20	82	257428	3.702	ng		96
26) 2-Nitrophenol	10.40	139	42017	9.563	ng		90
27) 2,4-Dimethylphenol	10.44	122	109734	3.640	ng		94
28) bis(2-Chloroethoxy)methane	10.68	93	186225	4.176	ng		95
29) 2,4-Dichlorophenol	10.93	162	94085	3.373	ng		91
30) 1,2,4-Trichlorobenzene	11.16	180	144342	4.493	ng		98
31) Naphthalene	11.35	128	498558	4.547	ng		98
32) Benzoic acid	10.48	122	31036	11.625	ng	#	78
33) 4-Chloroaniline	11.45	127	179268	3.722	ng		95
34) Hexachlorobutadiene	11.63	225	75095	4.508	ng		97
35) Caprolactam	12.17	113	28045	6.126	ng		94
36) 4-Chloro-3-methylphenol	12.53	107	118195	3.337	ng		97
37) 2-Methylnaphthalene	12.93	142	335652	4.400	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	158073	4.448	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	51705	3.491	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	66560	3.125 ng		99
43) 2,4,5-Trichlorophenol	13.58	196	79802	3.117 ng	#	90
45) 1,1'-Biphenyl	13.91	154	502453	4.739 ng		98
46) 2-Chloronaphthalene	13.96	162	352401	4.430 ng		97
47) 2-Nitroaniline	14.15	65	57507	7.092 ng		86
48) Acenaphthylene	14.80	152	528904	4.126 ng		96
49) Dimethylphthalate	14.50	163	419064	4.164 ng	#	99
50) 2,6-Dinitrotoluene	14.63	165	62659	3.016 ng		93
51) Acenaphthene	15.13	154	363635	4.358 ng		97
52) 3-Nitroaniline	14.96	138	75842	3.003 ng	#	95
53) 2,4-Dinitrophenol	15.16	184	14015	10.910 ng	#	13
54) Dibenzofuran	15.46	168	537821	4.552 ng		96
55) 4-Nitrophenol	15.23	139	45175	7.024 ng		87
56) 2,4-Dinitrotoluene	15.40	165	75973	6.515 ng		96
57) Fluorene	16.10	166	437881	4.538 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.67	232	69196	3.425 ng	#	87
59) Diethylphthalate	15.85	149	411454	4.023 ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	200882	4.569 ng		91
61) 4-Nitroaniline	16.10	138	77650	2.992 ng		87
62) Azobenzene	16.38	77	410102	4.028 ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	25256	10.370 ng		88
65) n-Nitrosodiphenylamine	16.30	169	353177	4.134 ng		99
66) 4-Bromophenyl-phenylether	16.97	248	105564	4.228 ng	#	81
67) Hexachlorobenzene	17.09	284	127057	4.358 ng	#	84
68) Atrazine	17.22	200	87543	3.149 ng		96
69) Pentachlorophenol	17.43	266	48393	8.066 ng		99
70) Phenanthrene	17.83	178	717476	4.627 ng		99
71) Anthracene	17.92	178	632233	4.211 ng		99
72) Carbazole	18.18	167	629495	4.161 ng		96
73) Di-n-butylphthalate	18.71	149	544509	3.261 ng	#	98
74) Fluoranthene	19.80	202	694212	4.267 ng		94
76) Benzidine	19.97	184	143668m	1.624 ng		
77) Pyrene	20.16	202	781538	4.432 ng		99
79) Butylbenzylphthalate	21.02	149	197000	7.467 ng		98
80) Benzo(a)anthracene	21.89	228	762557	4.471 ng		97
81) 3,3'-Dichlorobenzidine	21.81	252	203393	3.247 ng	#	98
82) Chrysene	21.95	228	788603	4.640 ng		98
83) Bis(2-ethylhexyl)phthalate	21.78	149	316550	5.299 ng	#	92
84) Di-n-octyl phthalate	22.74	149	429822	8.288 ng		97
85) Indeno(1,2,3-cd)pyrene	26.93	276	827995	3.966 ng	#	86
87) Benzo(b)fluoranthene	23.63	252	730604	4.310 ng	#	95
88) Benzo(k)fluoranthene	23.67	252	745108	4.364 ng	#	94
89) Benzo(a)pyrene	24.27	252	678185	4.172 ng	#	93
90) Dibenzo(a,h)anthracene	26.95	278	701487	4.127 ng	#	91
91) Benzo(g,h,i)perylene	27.72	276	680390	3.958 ng	#	90

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

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