Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000256.D
Acq On : 06 Mar 2018 10:48
Operator : JU/SJ
Sample : PB107064BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB107064BS

Quant Time: Mar 07 04:23:53 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	8.45	152	247088	20.00	ng		-0.02
21) Naphthalene-d8	11.29	136	1247431	20.00	ng		-0.02
38) Acenaphthene-d10	15.06	164	731606	20.00	ng		-0.02
63) Phenanthrene-d10	17.78	188	1537551	20.00	ng		-0.02
75) Chrysene-d12	21.90	240	1533833	20.00	ng		-0.02
86) Perylene-d12	24.37	264	1656649	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2583456	170.40	ng		-0.02
7) Phenol-d6	7.58	99	3662173	159.47	ng		-0.01
23) Nitrobenzene-d5	9.63	82	2098572	100.02	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	982201	135.63	ng		-0.02
44) 2-Fluorobiphenyl	13.69	172	4442922	85.59	ng		-0.02
78) Terphenyl-d14	20.34	244	5654387	99.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	195095	31.980	ng		99
3) Pyridine	4.09	79	612184	32.237	ng		98
4) n-Nitrosodimethylamine	4.00	42	237825	44.285	ng	#	90
6) Aniline	7.76	93	841265	26.590	ng		91
8) 2-Chlorophenol	8.00	128	845916	47.712	ng		89
9) Benzaldehyde	7.56	77	251072	17.574	ng		90
10) Phenol	7.61	94	1222841	50.443	ng		86
11) bis(2-Chloroethyl)ether	7.85	93	832096	41.734	ng		84
12) 1,3-Dichlorobenzene	8.33	146	728537	36.164	ng		98
13) 1,4-Dichlorobenzene	8.49	146	747731	36.346	ng		97
14) 1,2-Dichlorobenzene	8.81	146	741293	36.605	ng		97
15) Benzyl Alcohol	8.68	79	770401	46.673	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.98	45	878139	41.611	ng		79
17) 2-Methylphenol	8.88	107	799083	46.385	ng		96
18) Hexachloroethane	9.55	117	271604	37.926	ng	#	80
19) n-Nitroso-di-n-propylamine	9.26	70	636875	41.386	ng	#	82
20) 3+4-Methylphenols	9.21	107	1087236	45.125	ng		94
22) Acetophenone	9.28	105	1310783	37.498	ng	#	88
24) Nitrobenzene	9.68	77	988508	43.097	ng	#	93
25) Isophorone	10.19	82	1882275	43.400	ng		98
26) 2-Nitrophenol	10.39	139	384281	41.950	ng		94
27) 2,4-Dimethylphenol	10.43	122	920034	48.932	ng		94
28) bis(2-Chloroethoxy)methane	10.67	93	1226093	44.080	ng		97
29) 2,4-Dichlorophenol	10.92	162	788364	45.306	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	717084	35.785	ng		98
31) Naphthalene	11.34	128	2580138	37.728	ng		98
32) Benzoic acid	10.56	122	484827	37.643	ng		90
33) 4-Chloroaniline	11.43	127	706112	23.504	ng		97
34) Hexachlorobutadiene	11.61	225	350298	33.712	ng		97
35) Caprolactam	12.20	113	312737	41.694	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	1009014	45.674	ng		99
37) 2-Methylnaphthalene	12.92	142	1875509	39.415	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	786063	36.401	ng	#	95
40) Hexachlorocyclopentadiene	13.25	237	833565	92.601	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	561938	43.417	ng		99
43) 2,4,5-Trichlorophenol	13.57	196	641151	41.208	ng	#	92
45) 1,1'-Biphenyl	13.90	154	2397251	37.204	ng		97
46) 2-Chloronaphthalene	13.95	162	1818988	37.623	ng		96
47) 2-Nitroaniline	14.14	65	613586	43.751	ng		89
48) Acenaphthylene	14.79	152	3002846	38.551	ng		98
49) Dimethylphthalate	14.50	163	2354440	38.497	ng		99
50) 2,6-Dinitrotoluene	14.63	165	514730	40.770	ng		92
51) Acenaphthene	15.13	154	2075197	40.928	ng		98
52) 3-Nitroaniline	14.95	138	421795	27.484	ng	#	95
53) 2,4-Dinitrophenol	15.16	184	431640	94.501	ng	#	1
54) Dibenzofuran	15.46	168	2814415	39.194	ng		96
55) 4-Nitrophenol	15.24	139	1002706	79.745	ng	#	86
56) 2,4-Dinitrotoluene	15.40	165	728512	40.977	ng		94
57) Fluorene	16.10	166	2260170	38.548	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	543462	44.258	ng	#	84
59) Diethylphthalate	15.85	149	2438803	39.241	ng		97
60) 4-Chlorophenyl-phenylether	16.08	204	1026005	38.398	ng		92
61) 4-Nitroaniline	16.11	138	628900	39.882	ng		92
62) Azobenzene	16.37	77	2685281	43.404	ng		89
64) 4,6-Dinitro-2-methylphenol	16.16	198	274789	39.606	ng		89
65) n-Nitrosodiphenylamine	16.29	169	2019094	40.357	ng		97
66) 4-Bromophenyl-phenylether	16.96	248	574218	39.273	ng	#	82
67) Hexachlorobenzene	17.09	284	630255	36.911	ng	#	86
68) Atrazine	17.22	200	645465	39.641	ng		94
69) Pentachlorophenol	17.43	266	805146	69.321	ng		99
70) Phenanthrene	17.82	178	3551648	39.106	ng		100
71) Anthracene	17.92	178	3638140	41.371	ng		99
72) Carbazole	18.17	167	3506152	39.575	ng		97
73) Di-n-butylphthalate	18.70	149	4024961	41.154	ng		99
74) Fluoranthene	19.80	202	3891270	40.840	ng		92
76) Benzidine	19.96	184	1804370	36.903	ng		97
77) Pyrene	20.16	202	4041103	41.454	ng		98
79) Butylbenzylphthalate	21.01	149	1894196	41.748	ng		98
80) Benzo(a)anthracene	21.88	228	3923724	41.619	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	802929	23.188	ng	#	97
82) Chrysene	21.93	228	3670964	39.074	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	2789218	41.087	ng	#	94
84) Di-n-octyl phthalate	22.72	149	4944190	44.262	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	4657307	40.355	ng	#	85
87) Benzo(b)fluoranthene	23.62	252	3954707	40.783	ng	#	95
88) Benzo(k)fluoranthene	23.67	252	3998123	40.938	ng	#	93
89) Benzo(a)pyrene	24.27	252	3897746	41.915	ng	#	94
90) Dibenzo(a,h)anthracene	26.95	278	3915501	40.264	ng	#	92
91) Benzo(g,h,i)perylene	27.73	276	3942231	40.091	ng	#	88

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

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