Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000128.D
Acq On : 20 Feb 2018 01:38
Operator : JU/SJ
Sample : PB106645BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB106645BSD

Quant Time: Feb 20 03:14:53 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	8.46	152	439461	20.00	ng		-0.01
21) Naphthalene-d8	11.30	136	2274911	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1377180	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2973379	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	3095706	20.00	ng		-0.02
86) Perylene-d12	24.38	264	3417847	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2966186	110.00	ng		0.00
7) Phenol-d6	7.59	99	4204861	102.95	ng		0.00
23) Nitrobenzene-d5	9.64	82	3396325	88.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1151602	84.48	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7465380	76.40	ng		-0.02
78) Terphenyl-d14	20.34	244	9479276	82.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	338017	31.153	ng		96
3) Pyridine	4.09	79	1085584	32.142	ng		98
4) n-Nitrosodimethylamine	4.00	42	421221	44.100	ng	#	89
6) Aniline	7.76	93	1326327	23.570	ng		92
8) 2-Chlorophenol	8.01	128	1603899	50.864	ng		89
9) Benzaldehyde	7.57	77	238392	9.382	ng		91
10) Phenol	7.62	94	2291518	53.147	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	1515532	42.738	ng	#	83
12) 1,3-Dichlorobenzene	8.35	146	1325065	36.982	ng		99
13) 1,4-Dichlorobenzene	8.49	146	1380213	37.722	ng		97
14) 1,2-Dichlorobenzene	8.82	146	1362462	37.827	ng		97
15) Benzyl Alcohol	8.69	79	1439517	49.034	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1577282	42.023	ng		78
17) 2-Methylphenol	8.89	107	1495222	48.800	ng		95
18) Hexachloroethane	9.56	117	503670	39.543	ng	#	81
19) n-Nitroso-di-n-propylamine	9.26	70	1155648	42.224	ng	#	83
20) 3+4-Methylphenols	9.22	107	2043738	47.693	ng		93
22) Acetophenone	9.29	105	2431770	38.147	ng	#	88
24) Nitrobenzene	9.68	77	1790512	42.805	ng	#	93
25) Isophorone	10.20	82	3432856	43.402	ng		98
26) 2-Nitrophenol	10.40	139	728129	43.305	ng		91
27) 2,4-Dimethylphenol	10.44	122	1761141	51.361	ng		95
28) bis(2-Chloroethoxy)methane	10.68	93	2256296	44.480	ng		96
29) 2,4-Dichlorophenol	10.93	162	1511856	47.642	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	1320745	36.141	ng		97
31) Naphthalene	11.35	128	4779158	38.320	ng		98
32) Benzoic acid	10.56	122	1032637	42.193	ng		91
33) 4-Chloroaniline	11.45	127	1152904	21.043	ng		96
34) Hexachlorobutadiene	11.62	225	647872	34.189	ng		97
35) Caprolactam	12.20	113	615834	44.699	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	1923504	47.743	ng		98
37) 2-Methylnaphthalene	12.92	142	3517455	40.534	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1459340	35.900	ng	#	95
40) Hexachlorocyclopentadiene	13.26	237	1442354	85.120	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	1087373	44.631	ng		97
43) 2,4,5-Trichlorophenol	13.58	196	1223785	41.784	ng	#	91
45) 1,1'-Biphenyl	13.91	154	4532833	37.371	ng		97
46) 2-Chloronaphthalene	13.96	162	3417418	37.550	ng		96
47) 2-Nitroaniline	14.15	65	1151938	43.647	ng	#	84
48) Acenaphthylene	14.80	152	5657888	38.587	ng		98
49) Dimethylphthalate	14.51	163	4460630	38.746	ng		99
50) 2,6-Dinitrotoluene	14.63	165	979859	41.229	ng		93
51) Acenaphthene	15.13	154	3941123	41.292	ng		99
52) 3-Nitroaniline	14.96	138	741523	25.668	ng	#	92
53) 2,4-Dinitrophenol	15.16	184	835200	96.881	ng	#	1
54) Dibenzofuran	15.46	168	5350382	39.582	ng		95
55) 4-Nitrophenol	15.25	139	2074805	87.164	ng	#	85
56) 2,4-Dinitrotoluene	15.41	165	1397940	41.691	ng		92
57) Fluorene	16.10	166	4323182	39.169	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	1052782	45.546	ng	#	82
59) Diethylphthalate	15.85	149	4678127	39.987	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	1947647	38.722	ng		90
61) 4-Nitroaniline	16.11	138	1233605	41.558	ng		91
62) Azobenzene	16.37	77	5032702	43.215	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	522808	39.106	ng		89
65) n-Nitrosodiphenylamine	16.30	169	3876884	40.071	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	1119927	39.608	ng	#	88
67) Hexachlorobenzene	17.09	284	1229247	37.227	ng	#	87
68) Atrazine	17.22	200	1275876	40.519	ng		93
69) Pentachlorophenol	17.43	266	1618215	71.817	ng		99
70) Phenanthrene	17.83	178	6807577	38.760	ng		99
71) Anthracene	17.92	178	7008516	41.212	ng		99
72) Carbazole	18.18	167	6832089	39.878	ng	#	97
73) Di-n-butylphthalate	18.70	149	7823329	41.364	ng	#	99
74) Fluoranthene	19.80	202	7546142	40.954	ng		92
76) Benzidine	19.97	184	4000949	40.544	ng		96
77) Pyrene	20.16	202	7881966	40.061	ng		97
79) Butylbenzylphthalate	21.02	149	3877778	42.269	ng		97
80) Benzo(a)anthracene	21.89	228	7756031	40.762	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	1447478	20.711	ng	#	98
82) Chrysene	21.94	228	7339283	38.706	ng		97
83) Bis(2-ethylhexyl)phthalate	21.77	149	5645759	41.198	ng	#	96
84) Di-n-octyl phthalate	22.73	149	9972719	44.235	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.95	276	9859110	42.327	ng	#	85
87) Benzo(b)fluoranthene	23.63	252	8189227	40.934	ng	#	96
88) Benzo(k)fluoranthene	23.67	252	7921550	39.315	ng	#	94
89) Benzo(a)pyrene	24.27	252	8036844	41.891	ng	#	95
90) Dibenzo(a,h)anthracene	26.96	278	8283622	41.288	ng	#	90
91) Benzo(g,h,i)perylene	27.74	276	8265939	40.745	ng	#	87

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

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