Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091970.D
Acq On : 27 Dec 2016 16:23
Operator : UM/SJ
Sample : PB95629BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95629BSD

Quant Time: Dec 28 00:40:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	204361	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	863551	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	462056	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	713701	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	520888	20.00	ng		-0.01
86) Perylene-d12	15.29	264	438567	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1804469	147.43	ng		0.02
7) Phenol-d6	6.42	99	2067739	138.38	ng		0.01
23) Nitrobenzene-d5	7.30	82	1294153	83.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	417342	109.14	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2255086	102.68	ng		-0.01
78) Terphenyl-d14	12.84	244	1772910	82.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	261774	43.44	ng		99
3) Pyridine	3.00	79	624959	29.72	ng		95
4) n-Nitrosodimethylamine	2.96	42	355846	44.86	ng		98
6) Aniline	6.41	93	249199	12.84	ng	#	79
8) 2-Chlorophenol	6.53	128	594316	42.69	ng		87
9) Benzaldehyde	6.27	77	65410	5.71	ng		97
10) Phenol	6.43	94	698318	41.01	ng	#	65
11) bis(2-Chloroethyl)ether	6.48	93	758107	55.96	ng		88
12) 1,3-Dichlorobenzene	6.67	146	629718m	42.37	ng		
13) 1,4-Dichlorobenzene	6.75	146	629456	41.61	ng		95
14) 1,2-Dichlorobenzene	6.90	146	526684	40.13	ng		96
15) Benzyl Alcohol	6.89	79	371405	31.99	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	829422	41.11	ng		82
17) 2-Methylphenol	7.02	107	488614	43.64	ng	#	88
18) Hexachloroethane	7.24	117	234005	41.72	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	491914	49.48	ng		95
20) 3+4-Methylphenols	7.18	107	693280	51.91	ng	#	73
22) Acetophenone	7.15	105	909750	42.71	ng	#	91
24) Nitrobenzene	7.32	77	689043	41.66	ng		96
25) Isophorone	7.56	82	1139948	39.79	ng		95
26) 2-Nitrophenol	7.64	139	353818	43.38	ng		89
27) 2,4-Dimethylphenol	7.70	122	496411	36.69	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	763520	43.94	ng		100
29) 2,4-Dichlorophenol	7.90	162	509461	44.47	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	514295	40.97	ng		95
31) Naphthalene	8.04	128	1679759	42.50	ng		100
32) Benzoic acid	7.85	122	308942	30.79	ng		97
33) 4-Chloroaniline	8.14	127	137357	7.71	ng		98
34) Hexachlorobutadiene	8.16	225	281724	42.51	ng		99
35) Caprolactam	8.48	113	154279m	40.98	ng		
36) 4-Chloro-3-methylphenol	8.61	107	505927	38.38	ng		97
37) 2-Methylnaphthalene	8.74	142	1118403	47.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	447135	38.30	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	420550	80.85	ng		95

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QLast Update : Wed Dec 21 16:17:51 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	327095	40.06	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	322479	38.38	ng	#	90
45) 1,1'-Biphenyl	9.20	154	1263644	39.94	ng		97
46) 2-Chloronaphthalene	9.22	162	984790	39.31	ng		93
47) 2-Nitroaniline	9.33	65	370571	41.54	ng	#	78
48) Acenaphthylene	9.64	152	1547154	40.15	ng		98
49) Dimethylphthalate	9.50	163	1224612	41.44	ng		98
50) 2,6-Dinitrotoluene	9.57	165	300209	46.41	ng		99
51) Acenaphthene	9.80	154	978592	37.46	ng		99
52) 3-Nitroaniline	9.74	138	157938	19.73	ng		80
53) 2,4-Dinitrophenol	9.85	184	223189	62.01	ng	#	51
54) Dibenzofuran	9.98	168	1431578	40.58	ng		95
55) 4-Nitrophenol	9.94	139	365800	67.30	ng		95
56) 2,4-Dinitrotoluene	9.97	165	322821	39.76	ng	#	83
57) Fluorene	10.33	166	1094211	42.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	282521	42.51	ng		99
59) Diethylphthalate	10.21	149	1209103	42.13	ng		95
60) 4-Chlorophenyl-phenylether	10.32	204	483090	42.99	ng		95
61) 4-Nitroaniline	10.36	138	282008	34.00	ng		100
62) Azobenzene	10.48	77	1418864	44.90	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	192319	44.56	ng		76
65) n-Nitrosodiphenylamine	10.44	169	1007793	47.59	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	344842	46.45	ng	#	84
67) Hexachlorobenzene	10.86	284	324635	40.91	ng	#	79
68) Atrazine	10.98	200	300005	43.92	ng		95
69) Pentachlorophenol	11.07	266	299736	76.98	ng		98
70) Phenanthrene	11.28	178	1513284	39.10	ng		99
71) Anthracene	11.33	178	1696167	52.34	ng		99
72) Carbazole	11.49	167	1351530	40.66	ng		99
73) Di-n-butylphthalate	11.82	149	1687087	46.11	ng		99
74) Fluoranthene	12.46	202	1574474	46.50	ng		97
76) Benzidine	12.60	184	628732	48.20	ng		97
77) Pyrene	12.69	202	1670154	43.70	ng		100
79) Butylbenzylphthalate	13.32	149	776007	44.65	ng		88
80) Benzo(a)anthracene	13.88	228	1267909	43.12	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	373520	33.50	ng		98
82) Chrysene	13.92	228	1073674	36.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	900095	43.97	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1627700	42.93	ng		98
85) Indeno(1,2,3-cd)pyrene	16.63	276	1107548	43.35	ng		98
87) Benzo(b)fluoranthene	14.90	252	1194549m	43.75	ng		
88) Benzo(k)fluoranthene	14.92	252	947222m	40.68	ng		
89) Benzo(a)pyrene	15.23	252	1028641	42.45	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	900419	45.20	ng		100
91) Benzo(g,h,i)perylene	17.03	276	931701	44.98	ng		97

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

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