Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089920.D
Acq On : 26 Aug 2016 21:04
Operator : UM/SJ
Sample : PB93109BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93109BSD

Quant Time: Aug 26 23:19:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 18:51:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	324387	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1278248	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	594237	20.00	ng		-0.01
63) Phenanthrene-d10	11.15	188	1078942	20.00	ng		0.00
75) Chrysene-d12	13.78	240	757477	20.00	ng		0.00
86) Perylene-d12	15.12	264	668467	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1941499	102.64	ng		0.01
7) Phenol-d6	6.30	99	2266607	97.61	ng		0.00
23) Nitrobenzene-d5	7.22	82	1425771	69.30	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	543597	96.26	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	2332661	68.99	ng		0.00
78) Terphenyl-d14	12.74	244	2102905	62.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	256189	27.37	ng		95
3) Pyridine	2.81	79	676003	27.53	ng		92
4) n-Nitrosodimethylamine	2.78	42	303357	33.19	ng	#	78
6) Aniline	6.31	93	845225	27.14	ng	#	32
8) 2-Chlorophenol	6.43	128	745709	32.97	ng		90
9) Benzaldehyde	6.18	77	149373	9.88	ng		97
10) Phenol	6.31	94	766648	28.17	ng		89
11) bis(2-Chloroethyl)ether	6.40	93	763158	36.16	ng		91
12) 1,3-Dichlorobenzene	6.59	146	833850	35.26	ng	#	91
13) 1,4-Dichlorobenzene	6.67	146	811822m	33.40	ng		
14) 1,2-Dichlorobenzene	6.82	146	804432	35.45	ng		97
15) Benzyl Alcohol	6.80	79	522219	33.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	885255	32.78	ng		90
17) 2-Methylphenol	6.92	107	662363	37.39	ng		94
18) Hexachloroethane	7.16	117	297997	34.37	ng		95
19) n-Nitroso-di-n-propylamine	7.08	70	543027	36.57	ng	#	85
20) 3+4-Methylphenols	7.07	107	713254	32.83	ng	#	76
22) Acetophenone	7.07	105	940824	32.05	ng	#	88
24) Nitrobenzene	7.23	77	715941	31.01	ng		100
25) Isophorone	7.48	82	1437324	34.64	ng		95
26) 2-Nitrophenol	7.55	139	390075	33.87	ng	#	83
27) 2,4-Dimethylphenol	7.61	122	721379	34.75	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	954691	37.18	ng		97
29) 2,4-Dichlorophenol	7.79	162	624710	35.87	ng		92
30) 1,2,4-Trichlorobenzene	7.88	180	679276	35.26	ng	#	95
31) Naphthalene	7.95	128	2074629	34.73	ng		99
32) Benzoic acid	7.74	122	396259	24.50	ng		95
33) 4-Chloroaniline	8.01	127	420763	16.25	ng	#	95
34) Hexachlorobutadiene	8.08	225	334107	33.12	ng		99
35) Caprolactam	8.39	113	200570m	37.81	ng		
36) 4-Chloro-3-methylphenol	8.50	107	671234	35.58	ng		98
37) 2-Methylnaphthalene	8.65	142	1508146	39.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	493916	25.67	ng		97
40) Hexachlorocyclopentadiene	8.81	237	656551	98.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	433321	35.79	ng		99
43) 2,4,5-Trichlorophenol	8.97	196	450774	37.44	ng		99
45) 1,1'-Biphenyl	9.12	154	1546771	33.64	ng		93
46) 2-Chloronaphthalene	9.13	162	1252232	34.45	ng		98
47) 2-Nitroaniline	9.23	65	439395	42.38	ng	#	81
48) Acenaphthylene	9.54	152	1950340	35.70	ng		100
49) Dimethylphthalate	9.43	163	1675570	40.05	ng		99
50) 2,6-Dinitrotoluene	9.47	165	328056	33.96	ng		88
51) Acenaphthene	9.71	154	1381314	38.21	ng		99
52) 3-Nitroaniline	9.64	138	264246	24.69	ng	#	70
53) 2,4-Dinitrophenol	9.75	184	345894	65.94	ng		94
54) Dibenzofuran	9.88	168	1709371	37.64	ng		98
55) 4-Nitrophenol	9.82	139	704476	80.64	ng		95
56) 2,4-Dinitrotoluene	9.87	165	443693	35.40	ng	#	61
57) Fluorene	10.23	166	1174854	32.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	380885m	43.46	ng		
59) Diethylphthalate	10.12	149	1627770	38.30	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	562510	34.08	ng		100
61) 4-Nitroaniline	10.25	138	387730	38.64	ng		98
62) Azobenzene	10.39	77	1679029	42.02	ng		92
64) 4,6-Dinitro-2-methylphenol	10.28	198	273830	44.16	ng	#	69
65) n-Nitrosodiphenylamine	10.35	169	1322491	38.98	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	390727	34.54	ng	#	66
67) Hexachlorobenzene	10.78	284	475737	36.87	ng		98
68) Atrazine	10.88	200	376837	36.27	ng		98
69) Pentachlorophenol	10.97	266	544499	74.44	ng		97
70) Phenanthrene	11.18	178	1963494	36.03	ng		99
71) Anthracene	11.23	178	2162391	39.04	ng		99
72) Carbazole	11.38	167	1995998	40.17	ng		99
73) Di-n-butylphthalate	11.74	149	2367373	38.08	ng		99
74) Fluoranthene	12.35	202	1984341	38.28	ng		94
76) Benzidine	12.49	184	904726	36.91	ng		95
77) Pyrene	12.58	202	1925216	31.21	ng		97
79) Butylbenzylphthalate	13.22	149	1067623	38.32	ng		98
80) Benzo(a)anthracene	13.76	228	1715605	39.55	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	355892	25.02	ng	#	97
82) Chrysene	13.81	228	1581994	42.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1355416	35.32	ng	#	97
84) Di-n-octyl phthalate	14.40	149	2266241	44.44	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.37	276	1375499	28.99	ng		99
87) Benzo(b)fluoranthene	14.77	252	1704836m	46.36	ng		
88) Benzo(k)fluoranthene	14.79	252	1073891m	32.19	ng		
89) Benzo(a)pyrene	15.07	252	1278451	36.73	ng		98
90) Dibenzo(a,h)anthracene	16.39	278	1148344	30.40	ng		99
91) Benzo(g,h,i)perylene	16.74	276	1190758	29.93	ng		97

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

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