Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091615.D
Acq On : 15 Dec 2016 7:36
Operator : UM/SJ
Sample : PB95264BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95264BSD

Manual Integrations APPROVED
sohil
12/15/2016 5:41:55 PM

Quant Time: Dec 15 11:43:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	280629	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1105096	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	520992	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	704567	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	507298	20.00	ng		-0.01
86) Perylene-d12	15.36	264	437156	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1391730	83.55	ng		-0.01
7) Phenol-d6	6.44	99	1763337	84.91	ng		-0.01
23) Nitrobenzene-d5	7.37	82	2006337	101.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	272921	63.07	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2592694	85.99	ng		-0.02
78) Terphenyl-d14	12.90	244	1905944	85.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	304691	34.66	ng	#	86
3) Pyridine	3.10	79	943341	40.27	ng	#	81
4) n-Nitrosodimethylamine	3.07	42	457328	45.44	ng	#	56
6) Aniline	6.45	93	798772	29.34	ng	#	57
8) 2-Chlorophenol	6.58	128	840079	44.68	ng		91
9) Benzaldehyde	6.34	77	174825m	12.23	ng		
10) Phenol	6.45	94	1161566	47.84	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	888911	48.74	ng		87
12) 1,3-Dichlorobenzene	6.74	146	940365	46.12	ng		96
13) 1,4-Dichlorobenzene	6.81	146	893463	44.43	ng		95
14) 1,2-Dichlorobenzene	6.97	146	874623	48.26	ng		97
15) Benzyl Alcohol	6.94	79	777536	47.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1283875	45.42	ng		80
17) 2-Methylphenol	7.06	107	711062m	45.71	ng		
18) Hexachloroethane	7.31	117	298175	37.99	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	621785	47.88	ng	#	78
20) 3+4-Methylphenols	7.22	107	853654	51.25	ng		93
22) Acetophenone	7.21	105	1211421	45.75	ng	#	96
24) Nitrobenzene	7.38	77	847968	40.53	ng		91
25) Isophorone	7.62	82	1716591	48.77	ng		98
26) 2-Nitrophenol	7.70	139	315586	34.18	ng	#	77
27) 2,4-Dimethylphenol	7.74	122	748719	46.17	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1067044	51.68	ng		99
29) 2,4-Dichlorophenol	7.95	162	637220	45.16	ng		91
30) 1,2,4-Trichlorobenzene	8.03	180	758348	47.29	ng	#	96
31) Naphthalene	8.11	128	2341675	45.54	ng		99
32) Benzoic acid	7.84	122	261879m	25.10	ng		
33) 4-Chloroaniline	8.16	127	469045	21.17	ng		95
34) Hexachlorobutadiene	8.22	225	394560	42.92	ng		98
35) Caprolactam	8.53	113	217117	52.69	ng	#	57
36) 4-Chloro-3-methylphenol	8.65	107	674434	42.62	ng		97
37) 2-Methylnaphthalene	8.80	142	1479770	44.47	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	703834	49.25	ng		98
40) Hexachlorocyclopentadiene	8.96	237	207056	32.50	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	422085	45.97	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	384055	40.71	ng		95
45) 1,1'-Biphenyl	9.26	154	1926634	51.06	ng		96
46) 2-Chloronaphthalene	9.29	162	1435153	49.11	ng		97
47) 2-Nitroaniline	9.38	65	439907	44.77	ng		89
48) Acenaphthylene	9.70	152	2026200	45.49	ng		99
49) Dimethylphthalate	9.56	163	1607905	48.74	ng		98
50) 2,6-Dinitrotoluene	9.63	165	319703	44.15	ng	#	56
51) Acenaphthene	9.87	154	1245660	40.26	ng		98
52) 3-Nitroaniline	9.79	138	361892	42.55	ng		95
53) 2,4-Dinitrophenol	9.89	184	23401	10.52	ng	#	85
54) Dibenzofuran	10.04	168	1798054	46.97	ng		98
55) 4-Nitrophenol	9.96	139	378816	59.86	ng	#	84
56) 2,4-Dinitrotoluene	10.03	165	385446	42.47	ng		98
57) Fluorene	10.38	166	1294370	47.61	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	275080	37.24	ng		98
59) Diethylphthalate	10.26	149	1611935	50.74	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	596638	43.35	ng	#	73
61) 4-Nitroaniline	10.41	138	439800	52.03	ng		94
62) Azobenzene	10.53	77	1648212	45.79	ng		87
64) 4,6-Dinitro-2-methylphenol	10.43	198	24663	8.36	ng	#	66
65) n-Nitrosodiphenylamine	10.50	169	1271880	60.55	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	383255	53.06	ng		98
67) Hexachlorobenzene	10.93	284	400144	53.27	ng	#	91
68) Atrazine	11.02	200	304770	45.12	ng		99
69) Pentachlorophenol	11.13	266	274905	65.03	ng		96
70) Phenanthrene	11.35	178	1867009	53.51	ng		99
71) Anthracene	11.39	178	1717784	45.65	ng		99
72) Carbazole	11.55	167	1656636	50.22	ng		99
73) Di-n-butylphthalate	11.88	149	2116529	55.07	ng		98
74) Fluoranthene	12.52	202	1605762	43.95	ng		94
76) Benzidine	12.65	184	620473	39.56	ng		97
77) Pyrene	12.75	202	1619432	40.24	ng		99
79) Butylbenzylphthalate	13.38	149	819837	52.26	ng		95
80) Benzo(a)anthracene	13.94	228	1390548	47.20	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	471664	44.58	ng	#	96
82) Chrysene	13.97	228	1305341	42.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1009164	50.14	ng		98
84) Di-n-octyl phthalate	14.56	149	1933219	56.58	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.73	276	1134051	40.89	ng		98
87) Benzo(b)fluoranthene	14.96	252	1580983m	60.67	ng		
88) Benzo(k)fluoranthene	14.99	252	965660m	42.14	ng		
89) Benzo(a)pyrene	15.30	252	1194426	50.88	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	945401	44.95	ng		98
91) Benzo(g,h,i)perylene	17.14	276	924932	43.21	ng		98

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

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