Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091143.D
Acq On : 11 Nov 2016 16:38
Operator : UM/SJ
Sample : PB94661BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Manual Integrations APPROVED
sohil
11/14/2016 6:36:51 PM

Quant Time: Nov 11 17:54:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	179722	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	774514	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	394727	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	620109	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	535516	20.00	ng		-0.02
86) Perylene-d12	15.15	264	376747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1239779	113.93	ng		0.00
7) Phenol-d6	6.30	99	1628843	110.28	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1137464	80.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	486017	136.19	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1888840	82.38	ng		-0.02
78) Terphenyl-d14	12.74	244	1832485	85.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	176737	28.39	ng	#	95
3) Pyridine	2.84	79	491031	33.72	ng		96
4) n-Nitrosodimethylamine	2.81	42	182053	31.61	ng		83
6) Aniline	6.32	93	347015	19.92	ng	#	1
8) 2-Chlorophenol	6.43	128	507554	39.10	ng		91
9) Benzaldehyde	6.20	77	43331	5.29	ng		89
10) Phenol	6.32	94	710093	43.44	ng	#	62
11) bis(2-Chloroethyl)ether	6.38	93	472169	34.28	ng		95
12) 1,3-Dichlorobenzene	6.58	146	505412	38.50	ng	#	95
13) 1,4-Dichlorobenzene	6.66	146	534122	37.92	ng		96
14) 1,2-Dichlorobenzene	6.81	146	481447	37.24	ng		97
15) Benzyl Alcohol	6.80	79	399420	38.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	647160	32.81	ng		83
17) 2-Methylphenol	6.92	107	411924	40.09	ng		98
18) Hexachloroethane	7.15	117	201201	36.91	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	387112	37.82	ng		98
20) 3+4-Methylphenols	7.08	107	538788	43.67	ng		95
22) Acetophenone	7.06	105	711879	39.92	ng	#	97
24) Nitrobenzene	7.23	77	545207	34.77	ng		92
25) Isophorone	7.48	82	1070162	39.12	ng		96
26) 2-Nitrophenol	7.55	139	265098	39.95	ng		89
27) 2,4-Dimethylphenol	7.61	122	480436	43.78	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	665246	44.51	ng		99
29) 2,4-Dichlorophenol	7.80	162	420800	43.94	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	429173	39.85	ng		97
31) Naphthalene	7.95	128	1433618	38.70	ng		99
32) Benzoic acid	7.77	122	263701	32.62	ng		98
33) 4-Chloroaniline	8.02	127	144347	9.37	ng		97
34) Hexachlorobutadiene	8.08	225	246868	42.47	ng		99
35) Caprolactam	8.38	113	133151m	44.25	ng		
36) 4-Chloro-3-methylphenol	8.51	107	442820	38.19	ng		87
37) 2-Methylnaphthalene	8.65	142	1001151	42.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	408301	40.57	ng		99
40) Hexachlorocyclopentadiene	8.80	237	364407	92.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	277510	42.71	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	287017	42.08	ng	#	90
45) 1,1'-Biphenyl	9.10	154	1113637	38.64	ng		98
46) 2-Chloronaphthalene	9.13	162	862605	39.42	ng		97
47) 2-Nitroaniline	9.24	65	313480	38.60	ng	#	80
48) Acenaphthylene	9.54	152	1282373	37.60	ng		100
49) Dimethylphthalate	9.42	163	1097330	42.40	ng		98
50) 2,6-Dinitrotoluene	9.48	165	234757	42.32	ng	#	80
51) Acenaphthene	9.71	154	789928	36.89	ng		99
52) 3-Nitroaniline	9.65	138	105385	16.02	ng		86
53) 2,4-Dinitrophenol	9.77	184	227467	75.65	ng		94
54) Dibenzofuran	9.88	168	1197089	41.54	ng		97
55) 4-Nitrophenol	9.84	139	282111	65.52	ng		87
56) 2,4-Dinitrotoluene	9.89	165	306817	43.47	ng	#	84
57) Fluorene	10.22	166	853393	36.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	222391	41.62	ng		99
59) Diethylphthalate	10.12	149	1089482	41.06	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	473807	44.19	ng		93
61) 4-Nitroaniline	10.27	138	240114	36.08	ng		96
62) Azobenzene	10.38	77	1260318	40.34	ng		94
64) 4,6-Dinitro-2-methylphenol	10.29	198	147889	38.95	ng	#	21
65) n-Nitrosodiphenylamine	10.35	169	891118	45.21	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	264864	41.06	ng	#	66
67) Hexachlorobenzene	10.77	284	291645	41.00	ng		95
68) Atrazine	10.88	200	241953	42.55	ng		95
69) Pentachlorophenol	10.98	266	287947	91.39	ng		100
70) Phenanthrene	11.18	178	1346648	40.85	ng		100
71) Anthracene	11.24	178	1362393	38.87	ng		98
72) Carbazole	11.40	167	1179464	37.34	ng	#	96
73) Di-n-butylphthalate	11.73	149	1656048	41.69	ng		99
74) Fluoranthene	12.36	202	1284871	37.58	ng		98
76) Benzidine	12.50	184	459043	38.37	ng		97
77) Pyrene	12.59	202	1310363	37.36	ng		100
79) Butylbenzylphthalate	13.22	149	651734	38.85	ng		94
80) Benzo(a)anthracene	13.78	228	1106399	36.39	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	182752	17.11	ng	#	98
82) Chrysene	13.81	228	1076989m	35.92	ng		
83) Bis(2-ethylhexyl)phthalate	13.78	149	779810	34.35	ng	#	99
84) Di-n-octyl phthalate	14.40	149	1416074	37.94	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.43	276	868155	34.90	ng		96
87) Benzo(b)fluoranthene	14.79	252	1109581m	43.42	ng		
88) Benzo(k)fluoranthene	14.81	252	845915m	37.74	ng		
89) Benzo(a)pyrene	15.11	252	879465	39.54	ng		98
90) Dibenzo(a,h)anthracene	16.44	278	734932	38.22	ng	#	96
91) Benzo(g,h,i)perylene	16.81	276	678313	39.00	ng		95

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

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