Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084330.D
Acq On : 8 Jan 2016 16:18
Operator : SJ/UM
Sample : PB87668BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:30 AM

Quant Time: Jan 08 23:30:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	249314	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1054539	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	490427	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	906268	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	661857	20.00	ng		-0.05
86) Perylene-d12	15.45	264	570559	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1171094	75.98	ng		-0.02
7) Phenol-d6	6.50	99	1521339	78.59	ng		-0.03
23) Nitrobenzene-d5	7.42	82	1360098	71.78	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	420997	85.03	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	2340161	83.86	ng		-0.03
78) Terphenyl-d14	12.97	244	2228259	75.15	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	239308	32.77	ng	#	75
3) Pyridine	3.25	79	720777	35.41	ng	#	70
4) n-Nitrosodimethylamine	3.22	42	382698	36.62	ng		79
6) Aniline	6.52	93	508309	17.95	ng		96
8) 2-Chlorophenol	6.65	128	714039	40.83	ng		96
9) Benzaldehyde	6.40	77	155652	12.35	ng		94
10) Phenol	6.51	94	735653	33.42	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	648116	38.01	ng	#	79
12) 1,3-Dichlorobenzene	6.80	146	711765m	39.45	ng		
13) 1,4-Dichlorobenzene	6.88	146	734259	40.59	ng		94
14) 1,2-Dichlorobenzene	7.02	146	616888	35.61	ng		97
15) Benzyl Alcohol	7.00	79	545200	33.48	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1073289	34.57	ng		85
17) 2-Methylphenol	7.13	107	587797	40.10	ng		95
18) Hexachloroethane	7.37	117	269571	37.26	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	454265	34.66	ng	#	73
20) 3+4-Methylphenols	7.28	107	647487	37.58	ng	#	68
22) Acetophenone	7.26	105	972626	38.36	ng		94
24) Nitrobenzene	7.45	77	782902	40.74	ng		93
25) Isophorone	7.69	82	1360769	37.55	ng		97
26) 2-Nitrophenol	7.76	139	344794	39.42	ng	#	75
27) 2,4-Dimethylphenol	7.80	122	617308	34.87	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	810423	36.61	ng		100
29) 2,4-Dichlorophenol	8.01	162	590046	40.01	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	611577	40.17	ng	#	96
31) Naphthalene	8.17	128	1867958	39.04	ng		98
32) Benzoic acid	7.92	122	284739	28.00	ng		93
33) 4-Chloroaniline	8.21	127	179468	8.18	ng		97
34) Hexachlorobutadiene	8.28	225	319205	36.47	ng		98
35) Caprolactam	8.59	113	194240m	39.07	ng		
36) 4-Chloro-3-methylphenol	8.70	107	659478	39.92	ng		93
37) 2-Methylnaphthalene	8.85	142	1250104	36.40	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	539514	38.27	ng		98
40) Hexachlorocyclopentadiene	9.01	237	614828	72.24	ng		97

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Quant Time: Jan 08 23:30:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	388268	36.81	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	400463	39.60	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1407291	36.11	ng		99
46) 2-Chloronaphthalene	9.34	162	1089354	35.58	ng		97
47) 2-Nitroaniline	9.45	65	453067	44.84	ng	#	85
48) Acenaphthylene	9.77	152	1816581	40.16	ng		99
49) Dimethylphthalate	9.63	163	1432222	40.85	ng	#	90
50) 2,6-Dinitrotoluene	9.69	165	298929	38.87	ng	#	55
51) Acenaphthene	9.94	154	1316297	43.38	ng		97
52) 3-Nitroaniline	9.86	138	192128	20.16	ng	#	80
53) 2,4-Dinitrophenol	9.96	184	259136	79.15	ng	#	89
54) Dibenzofuran	10.11	168	1655034	41.91	ng		97
55) 4-Nitrophenol	10.03	139	450034	65.07	ng	#	78
56) 2,4-Dinitrotoluene	10.09	165	382538	39.31	ng	#	80
57) Fluorene	10.45	166	1281871	42.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	317562	36.78	ng		97
59) Diethylphthalate	10.33	149	1299846	37.60	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	580103	45.30	ng		97
61) 4-Nitroaniline	10.48	138	349351	41.13	ng		90
62) Azobenzene	10.60	77	1511319	39.86	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	212068	38.31	ng		94
65) n-Nitrosodiphenylamine	10.57	169	1139577	39.33	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	397385	40.74	ng	#	92
67) Hexachlorobenzene	10.99	284	390849	35.60	ng	#	77
68) Atrazine	11.09	200	371986	39.23	ng		98
69) Pentachlorophenol	11.20	266	413490	72.64	ng		99
70) Phenanthrene	11.41	178	2002867	42.25	ng		97
71) Anthracene	11.46	178	1737297	37.39	ng		97
72) Carbazole	11.62	167	1785588	39.30	ng		98
73) Di-n-butylphthalate	11.95	149	1980807	39.80	ng	#	95
74) Fluoranthene	12.59	202	1921429	38.80	ng		98
76) Benzidine	12.72	184	586394	24.71	ng		99
77) Pyrene	12.82	202	1963722	37.81	ng		99
79) Butylbenzylphthalate	13.45	149	909963	40.49	ng		93
80) Benzo(a)anthracene	14.01	228	1535196	39.50	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	326362	24.06	ng	#	95
82) Chrysene	14.05	228	1522205	40.76	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1120617	39.47	ng		98
84) Di-n-octyl phthalate	14.63	149	2007944	41.89	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1189324	40.18	ng		100
87) Benzo(b)fluoranthene	15.04	252	1319868m	35.36	ng		
88) Benzo(k)fluoranthene	15.07	252	1393403m	45.65	ng		
89) Benzo(a)pyrene	15.39	252	1235775	39.04	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	988288	36.28	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	974918	34.56	ng		99

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

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