Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091392.D
Acq On : 2 Dec 2016 16:38
Operator : UM/SJ
Sample : PB95000BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Manual Integrations APPROVED
sohil
12/5/2016 11:20:50 AM

Quant Time: Dec 02 22:54:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	197723	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	813355	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	464622	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	848303	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	647071	20.00	ng		-0.02
86) Perylene-d12	15.45	264	535951	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1145203	94.62	ng		0.00
7) Phenol-d6	6.49	99	1408503	94.54	ng		0.00
23) Nitrobenzene-d5	7.42	82	981524	67.63	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	443904	100.92	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1663178	64.81	ng		-0.02
78) Terphenyl-d14	12.97	244	1944556	65.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	154701	28.25	ng	#	84
3) Pyridine	3.26	79	463357	29.90	ng		88
4) n-Nitrosodimethylamine	3.21	42	282880	34.79	ng		97
6) Aniline	6.52	93	440000	22.23	ng	#	74
8) 2-Chlorophenol	6.64	128	418570	31.54	ng	#	79
9) Benzaldehyde	6.40	77	133724	13.96	ng		85
10) Phenol	6.50	94	566684	32.32	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	405507	32.37	ng		96
12) 1,3-Dichlorobenzene	6.80	146	483158	32.73	ng		99
13) 1,4-Dichlorobenzene	6.88	146	483279	32.91	ng		97
14) 1,2-Dichlorobenzene	7.03	146	439978	32.17	ng		98
15) Benzyl Alcohol	7.01	79	417166	34.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	856051	31.78	ng		72
17) 2-Methylphenol	7.12	107	359985	34.32	ng	#	75
18) Hexachloroethane	7.37	117	167198	32.07	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	336108	35.81	ng	#	91
20) 3+4-Methylphenols	7.27	107	430622	33.63	ng	#	62
22) Acetophenone	7.27	105	584041	30.30	ng	#	79
24) Nitrobenzene	7.44	77	465994	31.36	ng	#	91
25) Isophorone	7.68	82	866494	33.70	ng		98
26) 2-Nitrophenol	7.76	139	244891	36.16	ng		88
27) 2,4-Dimethylphenol	7.80	122	405749	32.03	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	564387	36.47	ng		99
29) 2,4-Dichlorophenol	8.00	162	382787	34.35	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	408789	32.72	ng		95
31) Naphthalene	8.17	128	1239122	32.06	ng		99
32) Benzoic acid	7.92	122	294671	31.56	ng		93
33) 4-Chloroaniline	8.22	127	225104	13.62	ng		95
34) Hexachlorobutadiene	8.29	225	232926	30.32	ng		98
35) Caprolactam	8.58	113	125848m	39.29	ng		
36) 4-Chloro-3-methylphenol	8.70	107	395994	32.91	ng		96
37) 2-Methylnaphthalene	8.86	142	835514	31.81	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	422616	32.27	ng		98
40) Hexachlorocyclopentadiene	9.02	237	485689	80.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	287096	33.73	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	284498	33.35	ng		94
45) 1,1'-Biphenyl	9.33	154	1153874	34.54	ng		95
46) 2-Chloronaphthalene	9.35	162	835946	33.60	ng		96
47) 2-Nitroaniline	9.44	65	310561	34.75	ng	#	81
48) Acenaphthylene	9.76	152	1205988	30.79	ng		99
49) Dimethylphthalate	9.62	163	912567	32.44	ng		97
50) 2,6-Dinitrotoluene	9.68	165	206683	32.87	ng		92
51) Acenaphthene	9.93	154	876802	33.19	ng		96
52) 3-Nitroaniline	9.85	138	152770	20.99	ng		96
53) 2,4-Dinitrophenol	9.96	184	212000m	77.10	ng		
54) Dibenzofuran	10.10	168	1100506	31.11	ng		98
55) 4-Nitrophenol	10.01	139	326510	62.11	ng		97
56) 2,4-Dinitrotoluene	10.09	165	314710	38.58	ng		93
57) Fluorene	10.45	166	843821	31.07	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.23	232	247202	33.93	ng		97
59) Diethylphthalate	10.33	149	981139	35.33	ng	#	94
60) 4-Chlorophenyl-phenylether	10.45	204	439514	32.27	ng		99
61) 4-Nitroaniline	10.47	138	236430	34.59	ng		96
62) Azobenzene	10.61	77	1047912	36.98	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	158167	33.84	ng	#	73
65) n-Nitrosodiphenylamine	10.56	169	792088	30.80	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	286016	31.37	ng		95
67) Hexachlorobenzene	11.00	284	300317	30.48	ng	#	86
68) Atrazine	11.09	200	243199	29.20	ng		99
69) Pentachlorophenol	11.19	266	376992	64.99	ng		96
70) Phenanthrene	11.41	178	1270887	28.83	ng		99
71) Anthracene	11.46	178	1487338	34.00	ng		99
72) Carbazole	11.61	167	1265919	31.89	ng		99
73) Di-n-butylphthalate	11.96	149	1539166	34.21	ng		99
74) Fluoranthene	12.60	202	1565379	37.49	ng		98
76) Benzidine	12.71	184	426752	22.47	ng		98
77) Pyrene	12.83	202	1570125	31.97	ng		99
79) Butylbenzylphthalate	13.44	149	610588	33.21	ng		88
80) Benzo(a)anthracene	14.00	228	1208962	31.95	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	267485	20.07	ng	#	98
82) Chrysene	14.05	228	1262691	33.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	840161	36.05	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1396155	39.59	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1018624	29.71	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1167105m	35.03	ng		
88) Benzo(k)fluoranthene	15.07	252	872804m	31.16	ng		
89) Benzo(a)pyrene	15.39	252	963959	32.22	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	847039	30.61	ng	#	93
91) Benzo(g,h,i)perylene	17.27	276	839780	29.44	ng		100

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

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