Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086313.D
Acq On : 20 Apr 2016 17:19
Operator : UM/SJ
Sample : PB89945BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Manual Integrations APPROVED
sohil
4/21/2016 7:10:05 PM

Quant Time: Apr 21 01:23:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255992	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1026329	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	474198	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	805892	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	443718	20.00	ng		-0.03
86) Perylene-d12	15.44	264	437020	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1695719	115.57	ng		-0.01
7) Phenol-d6	6.50	99	2202327	114.70	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1534803	85.64	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	459820	124.41	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2323687	96.48	ng		-0.03
78) Terphenyl-d14	12.97	244	1607658	86.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	252613	31.78	ng		96
3) Pyridine	3.28	79	781767	38.42	ng		97
4) n-Nitrosodimethylamine	3.22	42	294521	42.01	ng		81
6) Aniline	6.53	93	536500	20.76	ng		94
8) 2-Chlorophenol	6.65	128	662739	38.03	ng		90
9) Benzaldehyde	6.41	77	163084	11.98	ng		98
10) Phenol	6.51	94	880827	40.03	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	743866	38.70	ng		90
12) 1,3-Dichlorobenzene	6.81	146	734152m	38.40	ng		
13) 1,4-Dichlorobenzene	6.88	146	748403	36.63	ng		98
14) 1,2-Dichlorobenzene	7.04	146	674268	37.20	ng		98
15) Benzyl Alcohol	7.01	79	516506	43.30	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1052660	38.93	ng		89
17) 2-Methylphenol	7.12	107	602539	41.36	ng		99
18) Hexachloroethane	7.38	117	262598	43.12	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	454587	39.09	ng	#	82
20) 3+4-Methylphenols	7.28	107	658124	41.65	ng	#	80
22) Acetophenone	7.28	105	902884	41.88	ng	#	89
24) Nitrobenzene	7.45	77	750883	39.17	ng		97
25) Isophorone	7.69	82	1386233	40.83	ng		99
26) 2-Nitrophenol	7.77	139	407716	47.54	ng	#	75
27) 2,4-Dimethylphenol	7.80	122	706039	41.98	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	906877	45.67	ng		99
29) 2,4-Dichlorophenol	8.01	162	603071	45.47	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	581533	40.64	ng		99
31) Naphthalene	8.17	128	2007075	41.02	ng		99
32) Benzoic acid	7.93	122	429391	42.96	ng		96
33) 4-Chloroaniline	8.22	127	279932	13.82	ng	#	93
34) Hexachlorobutadiene	8.29	225	294210	40.80	ng		99
35) Caprolactam	8.59	113	196773m	45.81	ng		
36) 4-Chloro-3-methylphenol	8.70	107	655893	43.98	ng		94
37) 2-Methylnaphthalene	8.86	142	1310350	43.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	479601	38.00	ng		97
40) Hexachlorocyclopentadiene	9.01	237	373903	119.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	361336	41.27	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	401863	42.14	ng	#	92
45) 1,1'-Biphenyl	9.33	154	1534545	41.21	ng		96
46) 2-Chloronaphthalene	9.36	162	1204808	42.69	ng		94
47) 2-Nitroaniline	9.45	65	421059	43.90	ng	#	85
48) Acenaphthylene	9.77	152	1894991	43.00	ng		99
49) Dimethylphthalate	9.63	163	1379603	38.21	ng		100
50) 2,6-Dinitrotoluene	9.69	165	307632	41.41	ng	#	71
51) Acenaphthene	9.94	154	1215981	47.04	ng		98
52) 3-Nitroaniline	9.86	138	191594	20.28	ng		86
53) 2,4-Dinitrophenol	9.96	184	234066	145.05	ng		94
54) Dibenzofuran	10.11	168	1574110	44.78	ng		95
55) 4-Nitrophenol	10.02	139	519659	88.71	ng		89
56) 2,4-Dinitrotoluene	10.09	165	408200	44.21	ng	#	60
57) Fluorene	10.45	166	1137273	43.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	280127m	43.78	ng		
59) Diethylphthalate	10.33	149	1364895	38.74	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	484676	40.18	ng		94
61) 4-Nitroaniline	10.48	138	336641	38.07	ng	#	82
62) Azobenzene	10.60	77	1519360	43.75	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	165900	63.26	ng	#	65
65) n-Nitrosodiphenylamine	10.57	169	1120901	42.22	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	330492	38.17	ng	#	88
67) Hexachlorobenzene	11.00	284	346509	39.87	ng	#	70
68) Atrazine	11.09	200	338359	41.46	ng		97
69) Pentachlorophenol	11.20	266	390768	85.83	ng		98
70) Phenanthrene	11.41	178	1673482	43.82	ng		99
71) Anthracene	11.46	178	1677276	41.01	ng		99
72) Carbazole	11.62	167	1694096	43.77	ng		98
73) Di-n-butylphthalate	11.95	149	2023561	40.61	ng		100
74) Fluoranthene	12.59	202	1453654	41.05	ng		99
76) Benzidine	12.72	184	585759	29.90	ng		97
77) Pyrene	12.82	202	1396370	42.42	ng		99
79) Butylbenzylphthalate	13.45	149	806557	46.42	ng		97
80) Benzo(a)anthracene	14.01	228	998297	42.71	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	302528	18.71	ng	#	98
82) Chrysene	14.04	228	943883	37.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	904435	44.45	ng		99
84) Di-n-octyl phthalate	14.61	149	1578310	43.04	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1039077	40.00	ng		96
87) Benzo(b)fluoranthene	15.04	252	1076504m	42.59	ng		
88) Benzo(k)fluoranthene	15.06	252	966072m	45.40	ng		
89) Benzo(a)pyrene	15.38	252	1020218	43.79	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	879362	43.24	ng		96
91) Benzo(g,h,i)perylene	17.25	276	859979	44.10	ng	#	94

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

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