Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085666.D
Acq On : 22 Mar 2016 18:46
Operator : UM/SJ
Sample : PB89079BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Manual Integrations APPROVED
Sohil
3/23/2016 1:30:08 PM

Quant Time: Mar 23 01:23:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135283	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	534275	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	280263	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	542925	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	434781	20.00	ng		-0.02
86) Perylene-d12	15.41	264	300678	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	823921	102.30	ng		-0.01
7) Phenol-d6	6.47	99	1072773	103.85	ng		-0.02
23) Nitrobenzene-d5	7.40	82	709366	77.07	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	277970	101.25	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1299590	77.32	ng		-0.02
78) Terphenyl-d14	12.94	244	1217471	67.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	115148	29.41	ng		96
3) Pyridine	3.22	79	287433	29.90	ng		100
4) n-Nitrosodimethylamine	3.17	42	131867	32.86	ng		100
6) Aniline	6.49	93	227709	16.41	ng	#	80
8) 2-Chlorophenol	6.62	128	344803	37.01	ng		97
9) Benzaldehyde	6.38	77	49482	7.38	ng		96
10) Phenol	6.48	94	354439	30.12	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	330227	37.23	ng		99
12) 1,3-Dichlorobenzene	6.77	146	343761m	33.86	ng		
13) 1,4-Dichlorobenzene	6.85	146	347977	33.60	ng		99
14) 1,2-Dichlorobenzene	7.01	146	337279	36.68	ng		98
15) Benzyl Alcohol	6.98	79	272610	38.53	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.11	45	407912	34.97	ng		97
17) 2-Methylphenol	7.10	107	297023	38.46	ng		99
18) Hexachloroethane	7.35	117	127653	34.14	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	218509	35.41	ng		93
20) 3+4-Methylphenols	7.25	107	329890	36.88	ng		95
22) Acetophenone	7.25	105	423815	33.43	ng	#	98
24) Nitrobenzene	7.42	77	360316	35.76	ng		96
25) Isophorone	7.66	82	665455	36.11	ng		98
26) 2-Nitrophenol	7.74	139	198981	39.96	ng		97
27) 2,4-Dimethylphenol	7.77	122	320484	36.40	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	433316	41.34	ng		100
29) 2,4-Dichlorophenol	7.98	162	286559	39.41	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	282553	34.69	ng		98
31) Naphthalene	8.14	128	936544	34.73	ng		100
32) Benzoic acid	7.90	122	197626	26.84	ng		98
33) 4-Chloroaniline	8.20	127	86323	7.81	ng		98
34) Hexachlorobutadiene	8.26	225	154233	35.53	ng		98
35) Caprolactam	8.56	113	100642m	40.23	ng		
36) 4-Chloro-3-methylphenol	8.69	107	343517	40.45	ng		91
37) 2-Methylnaphthalene	8.84	142	684221	41.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	258614	30.42	ng		99
40) Hexachlorocyclopentadiene	8.98	237	246970	64.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	193390	33.23	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	208142	35.14	ng	#	87
45) 1,1'-Biphenyl	9.29	154	761365	31.49	ng		99
46) 2-Chloronaphthalene	9.33	162	617595	34.97	ng		99
47) 2-Nitroaniline	9.42	65	191340	35.81	ng		97
48) Acenaphthylene	9.74	152	1012873	35.44	ng		100
49) Dimethylphthalate	9.60	163	717186	33.91	ng		100
50) 2,6-Dinitrotoluene	9.66	165	151707	33.98	ng		94
51) Acenaphthene	9.91	154	615602	34.32	ng		99
52) 3-Nitroaniline	9.83	138	85479	15.29	ng		92
53) 2,4-Dinitrophenol	9.94	184	170247	62.24	ng	#	70
54) Dibenzofuran	10.08	168	858158	39.29	ng		99
55) 4-Nitrophenol	10.00	139	272258	63.00	ng		97
56) 2,4-Dinitrotoluene	10.07	165	233867	40.01	ng	#	76
57) Fluorene	10.42	166	681589	37.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	162421	38.09	ng		98
59) Diethylphthalate	10.30	149	706598	33.60	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	305618	34.38	ng		97
61) 4-Nitroaniline	10.45	138	183387	33.27	ng		93
62) Azobenzene	10.57	77	770336	38.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	114927	33.08	ng	#	54
65) n-Nitrosodiphenylamine	10.54	169	630644	37.29	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	206120	38.00	ng		95
67) Hexachlorobenzene	10.97	284	219261	38.05	ng		96
68) Atrazine	11.06	200	213630	41.49	ng		100
69) Pentachlorophenol	11.17	266	229545	65.61	ng		100
70) Phenanthrene	11.38	178	1093973	38.21	ng		100
71) Anthracene	11.43	178	958321	31.93	ng		99
72) Carbazole	11.59	167	986898	38.11	ng		100
73) Di-n-butylphthalate	11.92	149	1221432	37.67	ng		99
74) Fluoranthene	12.56	202	1002706	33.45	ng		97
76) Benzidine	12.69	184	308100	21.07	ng		98
77) Pyrene	12.79	202	1018250	32.62	ng		99
79) Butylbenzylphthalate	13.41	149	487446	32.76	ng	#	73
80) Benzo(a)anthracene	13.98	228	833456	33.02	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	125833	13.60	ng	#	97
82) Chrysene	14.01	228	732882	30.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	584496	31.62	ng	#	98
84) Di-n-octyl phthalate	14.59	149	1060329	35.20	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	569023	28.04	ng		99
87) Benzo(b)fluoranthene	15.01	252	769516m	39.22	ng		
88) Benzo(k)fluoranthene	15.03	252	547648m	33.88	ng		
89) Benzo(a)pyrene	15.35	252	609406	36.64	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	478907	34.52	ng		97
91) Benzo(g,h,i)perylene	17.21	276	471447	35.11	ng	#	93

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

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