Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080289.D
Acq On : 2 Jul 2015 1:29
Operator : TP/UM
Sample : PB84302BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84302BSD

Manual Integrations APPROVED
apatel
7/2/2015 2:40:00 PM

Quant Time: Jul 02 04:53:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	52815	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	203095	20.00	ng		0.00
38) Acenaphthene-d10	10.32	164	110275	20.00	ng		0.00
63) Phenanthrene-d10	11.83	188	217703	20.00	ng		0.00
75) Chrysene-d12	14.64	240	219030	20.00	ng		-0.10
86) Perylene-d12	16.41	264	200039	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	153851	50.45	ng		0.00
7) Phenol-d6	6.87	99	201590	49.24	ng		0.00
23) Nitrobenzene-d5	7.82	82	168422	45.66	ng		0.00
41) 2,4,6-Tribromophenol	11.12	330	47229	44.98	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	352541	46.01	ng		0.00
78) Terphenyl-d14	13.45	244	387287	41.42	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	27367m	74.77	ng		
3) Pyridine	3.94	79	85632	22.68	ng		100
4) n-Nitrosodimethylamine	3.85	42	36555	21.74	ng		93
6) Aniline	6.92	93	81701	14.92	ng		98
8) 2-Chlorophenol	7.05	128	82995	24.77	ng		98
9) Benzaldehyde	6.81	77	43270	19.34	ng		95
10) Phenol	6.88	94	114737	25.34	ng		97
11) bis(2-Chloroethyl)ether	6.98	93	89650	26.17	ng		97
12) 1,3-Dichlorobenzene	7.21	146	95444	23.34	ng		98
13) 1,4-Dichlorobenzene	7.28	146	97686	23.99	ng		99
14) 1,2-Dichlorobenzene	7.44	146	96842	23.94	ng		99
15) Benzyl Alcohol	7.40	79	72441	22.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	129639	24.67	ng		99
17) 2-Methylphenol	7.50	107	72836	25.15	ng		98
18) Hexachloroethane	7.78	117	30753	24.19	ng		99
19) n-Nitroso-di-n-propylamine	7.66	70	67501	24.80	ng		98
20) 3+4-Methylphenols	7.65	107	94233	24.49	ng		99
22) Acetophenone	7.67	105	117656	24.80	ng	#	99
24) Nitrobenzene	7.84	77	98057	25.64	ng		98
25) Isophorone	8.08	82	168698	23.53	ng		98
26) 2-Nitrophenol	8.16	139	41769	25.01	ng		98
27) 2,4-Dimethylphenol	8.18	122	76927	25.09	ng		99
28) bis(2-Chloroethoxy)methane	8.29	93	102720	23.87	ng		98
29) 2,4-Dichlorophenol	8.40	162	76328	26.95	ng		97
30) 1,2,4-Trichlorobenzene	8.49	180	76302	23.10	ng		98
31) Naphthalene	8.58	128	238395m	23.04	ng		
32) Benzoic acid	8.24	122	18708	26.66	ng		93
33) 4-Chloroaniline	8.62	127	41116m	9.37	ng		
34) Hexachlorobutadiene	8.70	225	48676	23.39	ng		99
35) Caprolactam	8.95	113	20636	24.02	ng		94
36) 4-Chloro-3-methylphenol	9.09	107	80543	26.27	ng		99
37) 2-Methylnaphthalene	9.27	142	177501	25.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	83729	22.82	ng		99
40) Hexachlorocyclopentadiene	9.43	237	67649	49.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	52064	22.41	ng		97
43) 2,4,5-Trichlorophenol	9.59	196	53137	21.23	ng		97
45) 1,1'-Biphenyl	9.74	154	208325	22.22	ng		99
46) 2-Chloronaphthalene	9.76	162	158570	21.85	ng		99
47) 2-Nitroaniline	9.85	65	47290	22.65	ng		97
48) Acenaphthylene	10.18	152	277137	21.99	ng		99
49) Dimethylphthalate	10.02	163	201787	23.95	ng		100
50) 2,6-Dinitrotoluene	10.09	165	37889	22.00	ng		95
51) Acenaphthene	10.36	154	168232	23.18	ng		98
52) 3-Nitroaniline	10.26	138	27012	13.67	ng		98
53) 2,4-Dinitrophenol	10.37	184	29046	53.72	ng	#	1
54) Dibenzofuran	10.53	168	231429	22.59	ng		99
55) 4-Nitrophenol	10.40	139	62516	42.81	ng		97
56) 2,4-Dinitrotoluene	10.49	165	53163	23.81	ng		94
57) Fluorene	10.88	166	188780	22.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.64	232	44849	23.00	ng		100
59) Diethylphthalate	10.72	149	176747	22.08	ng		99
60) 4-Chlorophenyl-phenylether	10.86	204	88738	23.10	ng		99
61) 4-Nitroaniline	10.87	138	40229	20.04	ng		97
62) Azobenzene	11.02	77	188411	22.88	ng		98
64) 4,6-Dinitro-2-methylphenol	10.90	198	21015	30.00	ng		95
65) n-Nitrosodiphenylamine	10.97	169	165104	23.08	ng		100
66) 4-Bromophenyl-phenylether	11.36	248	53511	22.74	ng		99
67) Hexachlorobenzene	11.44	284	56981	22.60	ng		98
68) Atrazine	11.50	200	48222	22.30	ng		98
69) Pentachlorophenol	11.62	266	56601	44.57	ng		98
70) Phenanthrene	11.85	178	280304	21.49	ng		99
71) Anthracene	11.90	178	296870	23.72	ng		99
72) Carbazole	12.05	167	253647	21.67	ng		98
73) Di-n-butylphthalate	12.37	149	287756	22.92	ng		100
74) Fluoranthene	13.07	202	287307	21.32	ng		97
76) Benzidine	13.18	184	127208	19.83	ng		99
77) Pyrene	13.32	202	307617	21.94	ng		99
79) Butylbenzylphthalate	13.97	149	112685	20.96	ng		95
80) Benzo(a)anthracene	14.63	228	281638	21.28	ng		100
81) 3,3'-Dichlorobenzidine	14.59	252	40106	9.28	ng	#	96
82) Chrysene	14.68	228	262301	21.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	163735	21.64	ng		100
84) Di-n-octyl phthalate	15.35	149	264979	20.78	ng		98
85) Indeno(1,2,3-cd)pyrene	18.20	276	265766	19.37	ng		98
87) Benzo(b)fluoranthene	15.90	252	296146	23.44	ng		98
88) Benzo(k)fluoranthene	15.93	252	229665	19.30	ng		98
89) Benzo(a)pyrene	16.35	252	253463	22.01	ng	#	97
90) Dibenzo(a,h)anthracene	18.22	278	220144	20.38	ng		97
91) Benzo(g,h,i)perylene	18.73	276	232059	20.59	ng		99

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

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