Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
Data File : BF080956.D
Acq On : 10 Aug 2015 17:35
Operator : TP/UM
Sample : PB84929BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84929BS

Quant Time: Aug 11 01:57:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	76969	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	322003	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	161080	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	297279	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	225247	20.00	ng		-0.03
86) Perylene-d12	15.32	264	208800	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	387101	82.17	ng		0.01
7) Phenol-d6	6.43	99	622196	96.38	ng		-0.01
23) Nitrobenzene-d5	7.36	82	401499	58.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	136208	76.97	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	617662	53.98	ng		-0.02
78) Terphenyl-d14	12.89	244	684363	62.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	58498	26.18	ng		96
3) Pyridine	3.14	79	114456	18.06	ng		97
4) n-Nitrosodimethylamine	3.08	42	80590	24.91	ng		99
6) Aniline	6.45	93	132017	13.92	ng		93
8) 2-Chlorophenol	6.57	128	123304	22.62	ng	#	80
9) Benzaldehyde	6.33	77	99841	22.94	ng		97
10) Phenol	6.44	94	206320	26.94	ng		85
11) bis(2-Chloroethyl)ether	6.52	93	130819	22.88	ng		94
12) 1,3-Dichlorobenzene	6.73	146	135241	23.38	ng		98
13) 1,4-Dichlorobenzene	6.81	146	132620	22.06	ng		98
14) 1,2-Dichlorobenzene	6.96	146	127854	23.53	ng		99
15) Benzyl Alcohol	6.93	79	126476	23.94	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	253629	22.05	ng		100
17) 2-Methylphenol	7.05	107	105724	22.72	ng	#	93
18) Hexachloroethane	7.30	117	54006	23.45	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	108189	22.93	ng		98
20) 3+4-Methylphenols	7.21	107	147339	25.21	ng	#	87
22) Acetophenone	7.20	105	238356	30.21	ng		95
24) Nitrobenzene	7.37	77	147202	21.00	ng		98
25) Isophorone	7.62	82	289284	22.10	ng		100
26) 2-Nitrophenol	7.69	139	68959	23.38	ng		96
27) 2,4-Dimethylphenol	7.73	122	138916	25.16	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	164463	20.93	ng		98
29) 2,4-Dichlorophenol	7.93	162	106071	23.38	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	113642	22.92	ng		99
31) Naphthalene	8.10	128	380889	21.46	ng		100
32) Benzoic acid	7.87	122	118853	35.96	ng		97
33) 4-Chloroaniline	8.14	127	55410	7.68	ng		95
34) Hexachlorobutadiene	8.21	225	64836	21.97	ng		95
35) Caprolactam	8.52	113	49181m	30.13	ng		
36) 4-Chloro-3-methylphenol	8.64	107	140093	25.30	ng		93
37) 2-Methylnaphthalene	8.78	142	240331	21.27	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	143479	28.89	ng		98
40) Hexachlorocyclopentadiene	8.94	237	174908	64.55	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	83959	23.07	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	84709	23.10	ng	#	86
45) 1,1'-Biphenyl	9.25	154	418284	30.26	ng		99
46) 2-Chloronaphthalene	9.28	162	244323	22.67	ng		99
47) 2-Nitroaniline	9.37	65	91114	21.08	ng		96
48) Acenaphthylene	9.69	152	402194	21.46	ng		100
49) Dimethylphthalate	9.56	163	279097	20.86	ng	#	97
50) 2,6-Dinitrotoluene	9.62	165	60085	21.74	ng	#	48
51) Acenaphthene	9.86	154	301817	26.30	ng		100
52) 3-Nitroaniline	9.78	138	37959	11.14	ng		91
53) 2,4-Dinitrophenol	9.88	184	89713	55.46	ng	#	69
54) Dibenzofuran	10.03	168	360816	23.25	ng		98
55) 4-Nitrophenol	9.95	139	142029	55.68	ng	#	63
56) 2,4-Dinitrotoluene	10.02	165	95347	25.78	ng	#	69
57) Fluorene	10.37	166	285001	23.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	60434m	20.82	ng		
59) Diethylphthalate	10.26	149	314028	22.55	ng		95
60) 4-Chlorophenyl-phenylether	10.36	204	114044	19.50	ng		97
61) 4-Nitroaniline	10.40	138	75858	21.63	ng		96
62) Azobenzene	10.52	77	331000	21.25	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	45471	24.68	ng	#	76
65) n-Nitrosodiphenylamine	10.49	169	250657	24.27	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	78095	24.80	ng		98
67) Hexachlorobenzene	10.91	284	82356	23.53	ng	#	57
68) Atrazine	11.01	200	83958	27.73	ng		98
69) Pentachlorophenol	11.12	266	114513	56.26	ng		96
70) Phenanthrene	11.33	178	390020	23.17	ng		100
71) Anthracene	11.38	178	414156	24.85	ng		99
72) Carbazole	11.54	167	377980	23.30	ng		99
73) Di-n-butylphthalate	11.87	149	524969	25.87	ng		99
74) Fluoranthene	12.51	202	449072	24.68	ng		97
76) Benzidine	12.64	184	278258	24.70	ng		96
77) Pyrene	12.74	202	457920	27.52	ng		99
79) Butylbenzylphthalate	13.36	149	195839	24.41	ng	#	62
80) Benzo(a)anthracene	13.92	228	360881	25.36	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	65633	12.68	ng	#	97
82) Chrysene	13.96	228	341584	25.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	261680	23.44	ng	#	95
84) Di-n-octyl phthalate	14.53	149	499256	26.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	328480	25.34	ng		98
87) Benzo(b)fluoranthene	14.93	252	370667m	25.53	ng		
88) Benzo(k)fluoranthene	14.96	252	295229m	23.24	ng		
89) Benzo(a)pyrene	15.27	252	313640	25.13	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	275907	25.00	ng		99
91) Benzo(g,h,i)perylene	17.07	276	253223	23.59	ng		96

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

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