Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084049.D
Acq On : 23 Dec 2015 22:36
Operator : UM/SJ
Sample : PB87486BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87486BS

Quant Time: Dec 24 02:29:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49792	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	195541	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	90524	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	153386	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	97267	20.00	ng		-0.01
86) Perylene-d12	15.41	264	87731	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	360633	123.49	ng		0.01
7) Phenol-d6	6.48	99	421884	122.87	ng		0.00
23) Nitrobenzene-d5	7.39	82	271204	85.20	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	96502	110.83	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	508154	75.55	ng		-0.01
78) Terphenyl-d14	12.92	244	385197	94.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	37467	26.95	ng	#	95
3) Pyridine	3.18	79	107618	34.00	ng		97
4) n-Nitrosodimethylamine	3.13	42	51361	43.67	ng		89
6) Aniline	6.49	93	78396	16.50	ng	#	1
8) 2-Chlorophenol	6.61	128	145365	43.23	ng		91
9) Benzaldehyde	6.36	77	46758	20.39	ng		95
10) Phenol	6.49	94	180384	45.41	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	115992	38.21	ng		95
12) 1,3-Dichlorobenzene	6.76	146	153735	41.15	ng		99
13) 1,4-Dichlorobenzene	6.84	146	149643m	41.02	ng		
14) 1,2-Dichlorobenzene	6.99	146	144875	41.54	ng		99
15) Benzyl Alcohol	6.97	79	113181	41.86	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.10	45	113645	38.78	ng		85
17) 2-Methylphenol	7.09	107	115278	43.03	ng	#	93
18) Hexachloroethane	7.33	117	55145	41.22	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	95056	45.68	ng		91
20) 3+4-Methylphenols	7.24	107	143898	43.53	ng	#	65
22) Acetophenone	7.23	105	187961	40.97	ng	#	93
24) Nitrobenzene	7.40	77	127638	38.91	ng		99
25) Isophorone	7.64	82	241913	40.11	ng		99
26) 2-Nitrophenol	7.72	139	64467	36.51	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	122136	39.69	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	159615	42.72	ng		98
29) 2,4-Dichlorophenol	7.97	162	118229	43.01	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	121698	42.44	ng		96
31) Naphthalene	8.13	128	399039	39.95	ng		99
32) Benzoic acid	7.89	122	35803	27.73	ng		97
33) 4-Chloroaniline	8.18	127	46490	11.38	ng		94
34) Hexachlorobutadiene	8.25	225	67066	39.13	ng		99
35) Caprolactam	8.56	113	31949	38.67	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	136897	46.55	ng		99
37) 2-Methylnaphthalene	8.82	142	269991	41.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	116683	42.88	ng		100
40) Hexachlorocyclopentadiene	8.98	237	27493	38.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	70430	42.98	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	69752	40.90	ng	#	79
45) 1,1'-Biphenyl	9.29	154	351845	43.97	ng		97
46) 2-Chloronaphthalene	9.31	162	247564	42.97	ng		97
47) 2-Nitroaniline	9.41	65	70626	44.97	ng	#	44
48) Acenaphthylene	9.72	152	378346	41.47	ng		100
49) Dimethylphthalate	9.60	163	310824	43.88	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	68080	45.54	ng	#	88
51) Acenaphthene	9.89	154	213983	39.45	ng		99
52) 3-Nitroaniline	9.82	138	42942	27.04	ng	#	66
53) 2,4-Dinitrophenol	9.94	184	3954	13.57	ng		88
54) Dibenzofuran	10.06	168	328878	40.51	ng		91
55) 4-Nitrophenol	10.01	139	57238	61.34	ng		91
56) 2,4-Dinitrotoluene	10.05	165	75343	40.09	ng	#	84
57) Fluorene	10.41	166	252552	39.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	49900	37.10	ng		98
59) Diethylphthalate	10.29	149	310520	44.60	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	118792	40.30	ng	#	77
61) 4-Nitroaniline	10.43	138	57404	35.34	ng		92
62) Azobenzene	10.56	77	267416	43.51	ng		87
64) 4,6-Dinitro-2-methylphenol	10.48	198	6114	6.82	ng		87
65) n-Nitrosodiphenylamine	10.52	169	241683	42.66	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	71464	40.63	ng	#	69
67) Hexachlorobenzene	10.97	284	80461	41.91	ng	#	88
68) Atrazine	11.05	200	64376	37.59	ng		98
69) Pentachlorophenol	11.16	266	41766	61.19	ng		98
70) Phenanthrene	11.37	178	351686	40.57	ng		99
71) Anthracene	11.42	178	382438	43.44	ng		99
72) Carbazole	11.57	167	301067	36.57	ng		99
73) Di-n-butylphthalate	11.90	149	425466	41.62	ng	#	97
74) Fluoranthene	12.56	202	321043	37.34	ng		97
76) Benzidine	12.67	184	68692	19.80	ng		98
77) Pyrene	12.78	202	319675	48.44	ng		99
79) Butylbenzylphthalate	13.40	149	169923	55.98	ng		89
80) Benzo(a)anthracene	13.97	228	247124	44.06	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	58710	27.83	ng	#	94
82) Chrysene	14.01	228	211705	40.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	212937	50.59	ng	#	98
84) Di-n-octyl phthalate	14.57	149	333005	51.45	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	219203	50.89	ng		99
87) Benzo(b)fluoranthene	15.00	252	225140m	40.71	ng		
88) Benzo(k)fluoranthene	15.04	252	228123m	43.37	ng		
89) Benzo(a)pyrene	15.36	252	223765	43.68	ng		100
90) Dibenzo(a,h)anthracene	16.82	278	187189	44.10	ng		98
91) Benzo(g,h,i)perylene	17.24	276	171703	39.99	ng		97

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

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