Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF122215\
Data File : BF084004.D
Acq On : 22 Dec 2015 22:40
Operator : UM/SJ
Sample : PB87482BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 23 02:36:24 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	6.83	152	65982	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	238319	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	144299	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	276268	20.00	ng		0.00
75) Chrysene-d12	14.00	240	256514	20.00	ng		0.00
86) Perylene-d12	15.43	264	224469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	439370	113.54	ng		0.01
7) Phenol-d6	6.48	99	590276	129.73	ng		0.00
23) Nitrobenzene-d5	7.39	82	371938	95.88	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	153009	110.24	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	729148	68.00	ng		0.00
78) Terphenyl-d14	12.93	244	773841	71.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	54711	29.70	ng		97
3) Pyridine	3.20	79	144185	34.38	ng		98
4) n-Nitrosodimethylamine	3.15	42	60761	38.98	ng		96
6) Aniline	6.49	93	152710	24.25	ng	#	21
8) 2-Chlorophenol	6.62	128	171658	38.52	ng		86
9) Benzaldehyde	6.37	77	56439	18.57	ng		99
10) Phenol	6.49	94	194800	37.01	ng	#	73
11) bis(2-Chloroethyl)ether	6.57	93	161293	40.10	ng		99
12) 1,3-Dichlorobenzene	6.77	146	198963	40.18	ng		99
13) 1,4-Dichlorobenzene	6.84	146	195017	40.34	ng		97
14) 1,2-Dichlorobenzene	7.00	146	203021	43.93	ng		98
15) Benzyl Alcohol	6.98	79	161248	45.01	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	171564	44.18	ng		93
17) 2-Methylphenol	7.09	107	153754	43.31	ng		94
18) Hexachloroethane	7.34	117	77088	43.48	ng	#	90
19) n-Nitroso-di-n-propylamine	7.24	70	122147	44.30	ng	#	87
20) 3+4-Methylphenols	7.25	107	202798	46.29	ng	#	56
22) Acetophenone	7.24	105	262753	46.99	ng	#	93
24) Nitrobenzene	7.41	77	196506	49.15	ng		98
25) Isophorone	7.65	82	294011	40.00	ng		98
26) 2-Nitrophenol	7.73	139	91930	42.72	ng		94
27) 2,4-Dimethylphenol	7.78	122	169588	45.22	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	183773	40.36	ng		98
29) 2,4-Dichlorophenol	7.98	162	143846	42.93	ng		93
30) 1,2,4-Trichlorobenzene	8.05	180	138074	39.51	ng		99
31) Naphthalene	8.13	128	472006	38.77	ng		100
32) Benzoic acid	7.93	122	68945	40.75	ng		97
33) 4-Chloroaniline	8.19	127	79020	15.87	ng	#	90
34) Hexachlorobutadiene	8.26	225	86105	41.22	ng		98
35) Caprolactam	8.56	113	48490m	48.16	ng		
36) 4-Chloro-3-methylphenol	8.68	107	167827	46.83	ng		93
37) 2-Methylnaphthalene	8.83	142	353771	44.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	152360	35.12	ng		98
40) Hexachlorocyclopentadiene	8.99	237	105278	77.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	97562	37.35	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	107917	39.69	ng	#	92
45) 1,1'-Biphenyl	9.30	154	424782	33.30	ng		97
46) 2-Chloronaphthalene	9.32	162	331791	36.13	ng		92
47) 2-Nitroaniline	9.41	65	90717	36.24	ng		89
48) Acenaphthylene	9.73	152	589740	40.55	ng		99
49) Dimethylphthalate	9.60	163	418721	37.08	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	96400	40.45	ng		90
51) Acenaphthene	9.90	154	354360	40.98	ng		100
52) 3-Nitroaniline	9.82	138	53940	21.31	ng		91
53) 2,4-Dinitrophenol	9.94	184	81050	79.54	ng	#	71
54) Dibenzofuran	10.08	168	496557	38.37	ng		92
55) 4-Nitrophenol	10.01	139	120072	80.73	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	127433	42.54	ng		92
57) Fluorene	10.42	166	400164	39.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	103912	48.47	ng		91
59) Diethylphthalate	10.29	149	474708	42.78	ng		95
60) 4-Chlorophenyl-phenylether	10.41	204	172838	36.78	ng	#	86
61) 4-Nitroaniline	10.44	138	98726	38.13	ng		98
62) Azobenzene	10.57	77	420030	42.87	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	67293	41.67	ng	#	61
65) n-Nitrosodiphenylamine	10.53	169	387137	37.94	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	109020	34.41	ng	#	81
67) Hexachlorobenzene	10.97	284	117647	34.02	ng	#	74
68) Atrazine	11.06	200	99255	32.18	ng		99
69) Pentachlorophenol	11.17	266	96410	76.46	ng		99
70) Phenanthrene	11.38	178	579010	37.08	ng		98
71) Anthracene	11.44	178	660289	41.64	ng		100
72) Carbazole	11.59	167	556907	37.56	ng		99
73) Di-n-butylphthalate	11.92	149	649434	35.27	ng	#	97
74) Fluoranthene	12.57	202	670205	43.28	ng		98
76) Benzidine	12.68	184	210966	23.06	ng		99
77) Pyrene	12.80	202	612854	35.22	ng		100
79) Butylbenzylphthalate	13.41	149	363864	45.46	ng		88
80) Benzo(a)anthracene	13.99	228	585320	39.57	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	121167	21.78	ng	#	96
82) Chrysene	14.02	228	479631	34.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	463312	41.74	ng	#	98
84) Di-n-octyl phthalate	14.58	149	733475	42.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	466040	41.03	ng		99
87) Benzo(b)fluoranthene	15.01	252	521414m	36.85	ng		
88) Benzo(k)fluoranthene	15.05	252	548749m	40.77	ng		
89) Benzo(a)pyrene	15.37	252	514433	39.25	ng	#	97
90) Dibenzo(a,h)anthracene	16.84	278	394187	36.29	ng		96
91) Benzo(g,h,i)perylene	17.25	276	344678	31.38	ng		99

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

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