Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF122215\
Data File : BF084002.D
Acq On : 22 Dec 2015 21:44
Operator : UM/SJ
Sample : PB87413BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 23 02:23:40 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	49715	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	195551	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	101824	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	206149	20.00	ng		0.00
75) Chrysene-d12	14.00	240	158021	20.00	ng		0.00
86) Perylene-d12	15.43	264	130276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	361403	123.95	ng		0.01
7) Phenol-d6	6.48	99	486945	142.04	ng		0.00
23) Nitrobenzene-d5	7.39	82	265888	83.53	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	141291	144.26	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	611618	80.84	ng		0.00
78) Terphenyl-d14	12.93	244	623250	94.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	46967	33.83	ng		99
3) Pyridine	3.18	79	127796	40.44	ng		98
4) n-Nitrosodimethylamine	3.13	42	58625	49.92	ng		98
6) Aniline	6.50	93	131652	27.75	ng		95
8) 2-Chlorophenol	6.62	128	169430	50.46	ng		86
9) Benzaldehyde	6.37	77	59940	26.18	ng		97
10) Phenol	6.49	94	184879	46.62	ng		85
11) bis(2-Chloroethyl)ether	6.57	93	150139	49.54	ng		99
12) 1,3-Dichlorobenzene	6.77	146	155955	41.80	ng		99
13) 1,4-Dichlorobenzene	6.84	146	151615	41.62	ng		96
14) 1,2-Dichlorobenzene	7.00	146	155460	44.64	ng		98
15) Benzyl Alcohol	6.98	79	121913	45.16	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	127476	43.57	ng		93
17) 2-Methylphenol	7.09	107	110605	41.35	ng		94
18) Hexachloroethane	7.34	117	58842	44.05	ng	#	90
19) n-Nitroso-di-n-propylamine	7.24	70	89159	42.92	ng	#	85
20) 3+4-Methylphenols	7.25	107	154068	46.68	ng	#	55
22) Acetophenone	7.24	105	199429	43.47	ng	#	92
24) Nitrobenzene	7.41	77	149838	45.67	ng		98
25) Isophorone	7.65	82	261231	43.31	ng		98
26) 2-Nitrophenol	7.73	139	80541	45.62	ng		95
27) 2,4-Dimethylphenol	7.78	122	145823	47.39	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	162564	43.51	ng		98
29) 2,4-Dichlorophenol	7.98	162	122003	44.38	ng		93
30) 1,2,4-Trichlorobenzene	8.05	180	123008	42.89	ng		99
31) Naphthalene	8.13	128	422095	42.25	ng		100
32) Benzoic acid	7.92	122	56232	40.54	ng		93
33) 4-Chloroaniline	8.19	127	58465	14.31	ng	#	93
34) Hexachlorobutadiene	8.26	225	74469	43.45	ng		100
35) Caprolactam	8.56	113	40601m	49.14	ng		
36) 4-Chloro-3-methylphenol	8.68	107	139117	47.31	ng		93
37) 2-Methylnaphthalene	8.83	142	305053	47.15	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	130576	42.66	ng		98
40) Hexachlorocyclopentadiene	8.99	237	85187	86.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	81562	44.25	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	89890	46.85	ng	#	92
45) 1,1'-Biphenyl	9.30	154	354605	39.39	ng		95
46) 2-Chloronaphthalene	9.32	162	277891	42.88	ng		92
47) 2-Nitroaniline	9.41	65	75722	42.86	ng		90
48) Acenaphthylene	9.73	152	459015	44.73	ng		99
49) Dimethylphthalate	9.60	163	326954	41.03	ng	#	90
50) 2,6-Dinitrotoluene	9.65	165	72191	42.93	ng	#	53
51) Acenaphthene	9.90	154	278239	45.60	ng		100
52) 3-Nitroaniline	9.82	138	37205	20.83	ng		91
53) 2,4-Dinitrophenol	9.94	184	60773	84.01	ng	#	77
54) Dibenzofuran	10.08	168	397804	43.56	ng		92
55) 4-Nitrophenol	10.01	139	95990	91.46	ng		85
56) 2,4-Dinitrotoluene	10.06	165	100088	47.34	ng		97
57) Fluorene	10.42	166	359204	49.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	80642	53.31	ng		89
59) Diethylphthalate	10.29	149	384460	49.10	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	150403	45.36	ng	#	86
61) 4-Nitroaniline	10.44	138	83237	45.55	ng		96
62) Azobenzene	10.57	77	355810	51.46	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	56016	46.48	ng		82
65) n-Nitrosodiphenylamine	10.53	169	340044	44.66	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	104739	44.31	ng	#	84
67) Hexachlorobenzene	10.97	284	111712	43.30	ng	#	77
68) Atrazine	11.06	200	99246	43.12	ng		99
69) Pentachlorophenol	11.17	266	81204	85.42	ng		100
70) Phenanthrene	11.38	178	510197	43.79	ng		99
71) Anthracene	11.44	178	528705	44.68	ng		99
72) Carbazole	11.58	167	440905	39.85	ng		100
73) Di-n-butylphthalate	11.92	149	621065	45.21	ng	#	97
74) Fluoranthene	12.57	202	546173	47.27	ng		97
76) Benzidine	12.68	184	152752	27.11	ng		99
77) Pyrene	12.80	202	572740	53.42	ng		100
79) Butylbenzylphthalate	13.41	149	285485	57.90	ng	#	83
80) Benzo(a)anthracene	13.99	228	422292	46.34	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	87728	25.60	ng	#	95
82) Chrysene	14.02	228	352174	41.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	323653	47.33	ng	#	98
84) Di-n-octyl phthalate	14.58	149	535234	50.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	370980	53.02	ng		99
87) Benzo(b)fluoranthene	15.01	252	351780m	42.83	ng		
88) Benzo(k)fluoranthene	15.04	252	367549m	47.06	ng		
89) Benzo(a)pyrene	15.37	252	343543	45.16	ng		100
90) Dibenzo(a,h)anthracene	16.84	278	312737	49.61	ng	#	96
91) Benzo(g,h,i)perylene	17.25	276	305490	47.91	ng		99

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

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