Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084093.D
Acq On : 24 Dec 2015 21:55
Operator : UM/SJ
Sample : PB87153BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:54 PM

Quant Time: Dec 25 04:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51527	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	204457	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	94316	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	180142	20.00	ng		0.00
75) Chrysene-d12	13.96	240	136523	20.00	ng		0.00
86) Perylene-d12	15.38	264	99044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	374899	123.36	ng		0.01
7) Phenol-d6	6.45	99	442281	117.61	ng		0.00
23) Nitrobenzene-d5	7.37	82	274000	78.44	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	128169	127.43	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	542798	78.75	ng		0.00
78) Terphenyl-d14	12.90	244	509370	67.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	40758	32.72	ng		98
3) Pyridine	3.14	79	100951	33.18	ng		98
4) n-Nitrosodimethylamine	3.08	42	53139	39.64	ng		93
6) Aniline	6.46	93	149077	31.36	ng	#	63
8) 2-Chlorophenol	6.59	128	150136	39.78	ng		96
9) Benzaldehyde	6.35	77	21885	10.88	ng		89
10) Phenol	6.46	94	145669	33.87	ng	#	56
11) bis(2-Chloroethyl)ether	6.53	93	117133	37.76	ng		93
12) 1,3-Dichlorobenzene	6.74	146	153088	37.15	ng		98
13) 1,4-Dichlorobenzene	6.82	146	152137m	36.69	ng		
14) 1,2-Dichlorobenzene	6.97	146	141924	37.14	ng		98
15) Benzyl Alcohol	6.96	79	120567	42.33	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	109873	36.26	ng		58
17) 2-Methylphenol	7.07	107	106583	36.78	ng	#	91
18) Hexachloroethane	7.31	117	57011	37.67	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	90354	39.01	ng	#	89
20) 3+4-Methylphenols	7.23	107	149426	40.42	ng	#	48
22) Acetophenone	7.22	105	193907	37.96	ng	#	91
24) Nitrobenzene	7.39	77	136474	36.80	ng	#	84
25) Isophorone	7.63	82	251514	38.93	ng	#	94
26) 2-Nitrophenol	7.70	139	74088	39.03	ng	#	82
27) 2,4-Dimethylphenol	7.76	122	135726	43.09	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	146508	38.89	ng		100
29) 2,4-Dichlorophenol	7.95	162	117046	40.00	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	122866	38.32	ng		98
31) Naphthalene	8.11	128	420163	38.63	ng		98
32) Benzoic acid	7.89	122	59639	39.48	ng		97
33) 4-Chloroaniline	8.16	127	127850	29.54	ng		98
34) Hexachlorobutadiene	8.22	225	67300	36.80	ng		100
35) Caprolactam	8.53	113	37342m	46.02	ng		
36) 4-Chloro-3-methylphenol	8.66	107	138914	42.22	ng		94
37) 2-Methylnaphthalene	8.80	142	270467	39.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	122774	41.29	ng		99
40) Hexachlorocyclopentadiene	8.96	237	71170	81.53	ng		99

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Quant Time: Dec 25 04:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	73178	37.75	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	77332	39.85	ng		99
45) 1,1'-Biphenyl	9.26	154	353854	41.53	ng		97
46) 2-Chloronaphthalene	9.29	162	262566	40.53	ng		96
47) 2-Nitroaniline	9.39	65	75841	44.06	ng	#	59
48) Acenaphthylene	9.70	152	411652	38.69	ng		100
49) Dimethylphthalate	9.57	163	317155	40.60	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	72889	43.96	ng	#	85
51) Acenaphthene	9.87	154	238923	38.62	ng		99
52) 3-Nitroaniline	9.80	138	61842	34.75	ng	#	77
53) 2,4-Dinitrophenol	9.92	184	50371	78.74	ng		97
54) Dibenzofuran	10.04	168	346245	40.69	ng	#	90
55) 4-Nitrophenol	9.98	139	74482	82.01	ng	#	76
56) 2,4-Dinitrotoluene	10.04	165	94105	42.99	ng		88
57) Fluorene	10.38	166	288197	39.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	67688	48.93	ng		94
59) Diethylphthalate	10.27	149	320968	40.45	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	119222	35.75	ng	#	78
61) 4-Nitroaniline	10.42	138	79100	48.10	ng		97
62) Azobenzene	10.53	77	284811	43.57	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	42941	42.95	ng		83
65) n-Nitrosodiphenylamine	10.50	169	262659	40.90	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	82052	39.32	ng	#	78
67) Hexachlorobenzene	10.93	284	87926	38.48	ng	#	72
68) Atrazine	11.02	200	66575	34.42	ng		98
69) Pentachlorophenol	11.14	266	63926	84.58	ng		97
70) Phenanthrene	11.34	178	415027	38.86	ng		99
71) Anthracene	11.40	178	441747	39.56	ng		98
72) Carbazole	11.55	167	367129	38.65	ng		100
73) Di-n-butylphthalate	11.88	149	463631	37.88	ng	#	97
74) Fluoranthene	12.53	202	448264	39.06	ng		97
76) Benzidine	12.65	184	182353	39.30	ng		99
77) Pyrene	12.76	202	454342	38.57	ng		99
79) Butylbenzylphthalate	13.38	149	203206	41.68	ng	#	77
80) Benzo(a)anthracene	13.95	228	338341	40.29	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	93592	36.80	ng	#	95
82) Chrysene	13.99	228	322319m	41.62	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	265428	42.13	ng	#	96
84) Di-n-octyl phthalate	14.55	149	391985	44.22	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	291246	37.56	ng		99
87) Benzo(b)fluoranthene	14.98	252	317106m	43.11	ng		
88) Benzo(k)fluoranthene	15.00	252	232474m	46.64	ng		
89) Benzo(a)pyrene	15.32	252	258148	42.60	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	246736	41.72	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	253398	41.98	ng		96

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

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