Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084086.D
Acq On : 24 Dec 2015 18:34
Operator : UM/SJ
Sample : PB87523BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:44 PM

Quant Time: Dec 25 04:13:15 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	48469	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	189079	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	87109	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	166460	20.00	ng		0.00
75) Chrysene-d12	13.96	240	118422	20.00	ng		0.00
86) Perylene-d12	15.38	264	94493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	219412	76.75	ng		0.01
7) Phenol-d6	6.45	99	264310	74.72	ng		0.00
23) Nitrobenzene-d5	7.37	82	245183	75.90	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	70999	76.43	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	486442	76.41	ng		0.00
78) Terphenyl-d14	12.90	244	454813	69.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	36732	31.35	ng	#	95
3) Pyridine	3.14	79	113639	39.71	ng		98
4) n-Nitrosodimethylamine	3.09	42	48106	38.15	ng		97
6) Aniline	6.46	93	87082	19.47	ng	#	7
8) 2-Chlorophenol	6.59	128	140713	39.64	ng		94
9) Benzaldehyde	6.35	77	35057	18.53	ng		85
10) Phenol	6.46	94	150062	37.09	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	109273	37.45	ng		97
12) 1,3-Dichlorobenzene	6.74	146	144282	37.23	ng		98
13) 1,4-Dichlorobenzene	6.82	146	144324m	37.00	ng		
14) 1,2-Dichlorobenzene	6.97	146	136729	38.04	ng		98
15) Benzyl Alcohol	6.94	79	109948	41.04	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.08	45	101243	35.52	ng	#	50
17) 2-Methylphenol	7.07	107	102970	37.77	ng	#	91
18) Hexachloroethane	7.31	117	53621	37.67	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	86519	39.71	ng	#	89
20) 3+4-Methylphenols	7.23	107	142237	40.90	ng	#	49
22) Acetophenone	7.21	105	179661	38.03	ng	#	92
24) Nitrobenzene	7.39	77	124553	36.31	ng	#	82
25) Isophorone	7.63	82	233479	39.08	ng		95
26) 2-Nitrophenol	7.70	139	69362	39.52	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	126394	43.39	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	136678	39.24	ng		100
29) 2,4-Dichlorophenol	7.95	162	109671	40.53	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	115713	39.02	ng		97
31) Naphthalene	8.11	128	396379	39.40	ng		99
32) Benzoic acid	7.89	122	58256	41.70	ng		99
33) 4-Chloroaniline	8.16	127	45033	11.25	ng		99
34) Hexachlorobutadiene	8.22	225	62577	37.00	ng		99
35) Caprolactam	8.53	113	35430m	47.21	ng		
36) 4-Chloro-3-methylphenol	8.66	107	124782	41.01	ng		93
37) 2-Methylnaphthalene	8.80	142	257625	40.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	112114	40.83	ng		98
40) Hexachlorocyclopentadiene	8.96	237	69440	84.78	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69064	38.57	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	71514	39.90	ng		98
45) 1,1'-Biphenyl	9.26	154	333405	42.37	ng		97
46) 2-Chloronaphthalene	9.29	162	250358	41.85	ng		95
47) 2-Nitroaniline	9.39	65	70542	44.37	ng	#	63
48) Acenaphthylene	9.70	152	377389	38.41	ng		99
49) Dimethylphthalate	9.57	163	303160	42.02	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	67068	43.80	ng	#	81
51) Acenaphthene	9.87	154	223276	39.07	ng		100
52) 3-Nitroaniline	9.80	138	29874	18.18	ng	#	70
53) 2,4-Dinitrophenol	9.92	184	44334	76.11	ng		97
54) Dibenzofuran	10.04	168	325995	41.48	ng		91
55) 4-Nitrophenol	9.98	139	68517	81.68	ng	#	74
56) 2,4-Dinitrotoluene	10.04	165	86834	42.96	ng		88
57) Fluorene	10.38	166	263774	39.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	58926	46.12	ng		99
59) Diethylphthalate	10.27	149	291356	39.76	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	113486	36.84	ng	#	79
61) 4-Nitroaniline	10.42	138	68064	44.81	ng		93
62) Azobenzene	10.53	77	269485	44.63	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	36431	39.43	ng		81
65) n-Nitrosodiphenylamine	10.50	169	253090	42.65	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	78038	40.47	ng	#	79
67) Hexachlorobenzene	10.93	284	79942	37.86	ng	#	68
68) Atrazine	11.02	200	66121	37.00	ng		97
69) Pentachlorophenol	11.14	266	58233	83.49	ng		96
70) Phenanthrene	11.34	178	393151	39.84	ng		99
71) Anthracene	11.40	178	405215	39.27	ng		99
72) Carbazole	11.55	167	344244	39.22	ng		100
73) Di-n-butylphthalate	11.88	149	436580	38.60	ng	#	98
74) Fluoranthene	12.53	202	427094	40.69	ng		96
76) Benzidine	12.65	184	101810	25.29	ng		99
77) Pyrene	12.76	202	433866	42.47	ng		100
79) Butylbenzylphthalate	13.38	149	181155	42.83	ng	#	77
80) Benzo(a)anthracene	13.95	228	304541	41.81	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	59230	26.85	ng	#	95
82) Chrysene	13.99	228	289668	43.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	239712	43.87	ng	#	98
84) Di-n-octyl phthalate	14.55	149	340160	44.24	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	274891	40.87	ng		100
87) Benzo(b)fluoranthene	14.98	252	288888m	41.17	ng		
88) Benzo(k)fluoranthene	15.00	252	211085m	44.39	ng		
89) Benzo(a)pyrene	15.32	252	239524	41.43	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	227024	40.24	ng	#	94
91) Benzo(g,h,i)perylene	17.19	276	230817	40.08	ng		97

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

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