Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
Data File : BF080417.D
Acq On : 11 Jul 2015 6:00
Operator : TP/UM
Sample : PB84443BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 11 06:30:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	19338	20.00	ng		-0.01
21) Naphthalene-d8	8.43	136	85076	20.00	ng		0.00
38) Acenaphthene-d10	10.19	164	43924	20.00	ng		0.00
63) Phenanthrene-d10	11.69	188	89179	20.00	ng		0.00
75) Chrysene-d12	14.49	240	90388	20.00	ng		-0.05
86) Perylene-d12	16.21	264	83152	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	145338	128.79	ng		0.00
7) Phenol-d6	6.80	99	189203	125.84	ng		0.00
23) Nitrobenzene-d5	7.71	82	111141	74.51	ng		0.00
41) 2,4,6-Tribromophenol	10.99	330	48364	112.82	ng		0.00
44) 2-Fluorobiphenyl	9.50	172	252745	77.50	ng		0.00
78) Terphenyl-d14	13.30	244	311282	74.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	17705	32.59	ng	#	95
3) Pyridine	3.96	79	37246	30.87	ng		98
4) n-Nitrosodimethylamine	3.74	42	24713	37.35	ng		98
6) Aniline	6.82	93	46086	24.58	ng		88
8) 2-Chlorophenol	6.94	128	50416	37.08	ng		95
9) Benzaldehyde	6.70	77	20905	25.13	ng		94
10) Phenol	6.81	94	68791	41.41	ng		90
11) bis(2-Chloroethyl)ether	6.88	93	51139	37.39	ng		95
12) 1,3-Dichlorobenzene	7.08	146	56906	37.01	ng		96
13) 1,4-Dichlorobenzene	7.16	146	61297	35.36	ng		98
14) 1,2-Dichlorobenzene	7.32	146	55220	33.62	ng		96
15) Benzyl Alcohol	7.30	79	46295	37.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	75064	38.05	ng	#	67
17) 2-Methylphenol	7.41	107	39083	33.08	ng		96
18) Hexachloroethane	7.66	117	17793	33.26	ng		89
19) n-Nitroso-di-n-propylamine	7.55	70	40457	39.32	ng	#	88
20) 3+4-Methylphenols	7.56	107	59057	39.77	ng	#	61
22) Acetophenone	7.56	105	69757	34.21	ng	#	98
24) Nitrobenzene	7.73	77	56244	34.08	ng		96
25) Isophorone	7.97	82	105574	39.49	ng	#	91
26) 2-Nitrophenol	8.05	139	25647	32.37	ng		91
27) 2,4-Dimethylphenol	8.09	122	52209	41.87	ng		98
28) bis(2-Chloroethoxy)methane	8.17	93	59433	36.74	ng	#	97
29) 2,4-Dichlorophenol	8.29	162	45919	39.89	ng		89
30) 1,2,4-Trichlorobenzene	8.37	180	47277	31.05	ng		95
31) Naphthalene	8.45	128	159405	34.26	ng		98
32) Benzoic acid	8.19	122	28787	32.84	ng		97
33) 4-Chloroaniline	8.51	127	39411	24.99	ng		99
34) Hexachlorobutadiene	8.57	225	29990	33.93	ng		94
35) Caprolactam	8.89	113	12227	37.14	ng	#	65
36) 4-Chloro-3-methylphenol	8.99	107	48675	39.93	ng	#	81
37) 2-Methylnaphthalene	9.14	142	100389	32.69	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	51659	35.15	ng		97
40) Hexachlorocyclopentadiene	9.30	237	61205	79.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	31257	36.93	ng		96
43) 2,4,5-Trichlorophenol	9.47	196	35911	39.53	ng	#	90
45) 1,1'-Biphenyl	9.61	154	139788	36.51	ng		99
46) 2-Chloronaphthalene	9.63	162	94694	33.51	ng	#	88
47) 2-Nitroaniline	9.74	65	28331	33.18	ng	#	84
48) Acenaphthylene	10.05	152	178154	36.86	ng		99
49) Dimethylphthalate	9.90	163	130530	39.31	ng	#	98
50) 2,6-Dinitrotoluene	9.97	165	25752	34.56	ng	#	82
51) Acenaphthene	10.22	154	121181	39.44	ng		99
52) 3-Nitroaniline	10.16	138	19618	26.97	ng		86
53) 2,4-Dinitrophenol	10.25	184	26837	77.49	ng	#	64
54) Dibenzofuran	10.40	168	155879	38.31	ng		97
55) 4-Nitrophenol	10.33	139	42158	72.08	ng	#	83
56) 2,4-Dinitrotoluene	10.37	165	37526	43.07	ng	#	79
57) Fluorene	10.74	166	125211	36.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.52	232	33073m	41.50	ng		
59) Diethylphthalate	10.60	149	131939	40.59	ng		98
60) 4-Chlorophenyl-phenylether	10.73	204	60967	36.92	ng		92
61) 4-Nitroaniline	10.77	138	25468	35.22	ng		87
62) Azobenzene	10.89	77	129517	36.91	ng		95
64) 4,6-Dinitro-2-methylphenol	10.78	198	19089	39.00	ng	#	76
65) n-Nitrosodiphenylamine	10.84	169	100211	36.05	ng		99
66) 4-Bromophenyl-phenylether	11.22	248	36260	38.15	ng		89
67) Hexachlorobenzene	11.29	284	34614	36.27	ng	#	55
68) Atrazine	11.37	200	30292	35.04	ng		95
69) Pentachlorophenol	11.49	266	46728	85.74	ng		98
70) Phenanthrene	11.71	178	201168	37.55	ng		99
71) Anthracene	11.76	178	188809	38.06	ng		98
72) Carbazole	11.92	167	167717	36.63	ng	#	97
73) Di-n-butylphthalate	12.22	149	187289	38.68	ng	#	99
74) Fluoranthene	12.92	202	215374	38.76	ng		99
76) Benzidine	13.06	184	67165	38.03	ng		99
77) Pyrene	13.16	202	218929	37.81	ng		100
79) Butylbenzylphthalate	13.81	149	89701	40.86	ng		91
80) Benzo(a)anthracene	14.48	228	203110	35.66	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	52259	30.69	ng	#	97
82) Chrysene	14.52	228	198304	37.81	ng		100
83) Bis(2-ethylhexyl)phthalate	14.44	149	136982	39.76	ng	#	96
84) Di-n-octyl phthalate	15.19	149	228075	37.58	ng		100
85) Indeno(1,2,3-cd)pyrene	17.86	276	213437	32.76	ng		99
87) Benzo(b)fluoranthene	15.72	252	223178	38.64	ng		99
88) Benzo(k)fluoranthene	15.76	252	165724m	35.09	ng		
89) Benzo(a)pyrene	16.15	252	189885	37.52	ng		98
90) Dibenzo(a,h)anthracene	17.87	278	178633	35.63	ng	#	96
91) Benzo(g,h,i)perylene	18.36	276	182950	36.73	ng		97

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

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