Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080554.D
Acq On : 18 Jul 2015 1:32
Operator : TP/UM
Sample : PB84537BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Manual Integrations APPROVED
apatel
7/20/2015 3:44:32 PM

Quant Time: Jul 20 14:29:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	51648	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	223229	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	106466	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	212856	20.00	ng		0.00
75) Chrysene-d12	14.40	240	209108	20.00	ng		0.05
86) Perylene-d12	16.09	264	202328	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	383595	115.80	ng		0.00
7) Phenol-d6	6.70	99	462566	122.70	ng		0.00
23) Nitrobenzene-d5	7.63	82	284496	81.26	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	135737	142.48	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	616576	81.34	ng		0.00
78) Terphenyl-d14	13.21	244	632021	67.49	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	40227	29.03	ng	#	82
3) Pyridine	3.71	79	86149	35.51	ng		93
4) n-Nitrosodimethylamine	3.55	42	70436	38.56	ng		90
6) Aniline	6.74	93	101319	20.39	ng		94
8) 2-Chlorophenol	6.85	128	136651	39.54	ng		97
9) Benzaldehyde	6.62	77	34199	16.06	ng		98
10) Phenol	6.72	94	160418	36.79	ng		93
11) bis(2-Chloroethyl)ether	6.80	93	123571	37.50	ng		100
12) 1,3-Dichlorobenzene	7.00	146	150178	38.60	ng		99
13) 1,4-Dichlorobenzene	7.08	146	159310	37.18	ng		97
14) 1,2-Dichlorobenzene	7.24	146	144822	36.76	ng		98
15) Benzyl Alcohol	7.22	79	89651	37.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	205396	36.63	ng		98
17) 2-Methylphenol	7.33	107	100969	38.30	ng		96
18) Hexachloroethane	7.58	117	49259	35.87	ng		97
19) n-Nitroso-di-n-propylamine	7.47	70	81369	38.55	ng		96
20) 3+4-Methylphenols	7.48	107	149973	39.40	ng		96
22) Acetophenone	7.47	105	183979	38.40	ng	#	97
24) Nitrobenzene	7.65	77	127797	32.30	ng		96
25) Isophorone	7.88	82	244313	36.56	ng		98
26) 2-Nitrophenol	7.97	139	64681	33.32	ng		98
27) 2,4-Dimethylphenol	8.01	122	134543	40.46	ng		99
28) bis(2-Chloroethoxy)methane	8.09	93	135041	36.49	ng	#	95
29) 2,4-Dichlorophenol	8.21	162	117712	41.81	ng		96
30) 1,2,4-Trichlorobenzene	8.29	180	128807	35.79	ng		99
31) Naphthalene	8.37	128	427079	38.65	ng		99
32) Benzoic acid	8.10	122	51592	36.94	ng		95
33) 4-Chloroaniline	8.43	127	81713	18.56	ng		97
34) Hexachlorobutadiene	8.49	225	64550	38.46	ng		96
35) Caprolactam	8.77	113	26628	40.76	ng	#	67
36) 4-Chloro-3-methylphenol	8.91	107	121121	41.76	ng		97
37) 2-Methylnaphthalene	9.06	142	267533	39.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	123873	36.79	ng		98
40) Hexachlorocyclopentadiene	9.22	237	133622	84.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	78749	40.61	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	84818	40.03	ng		96
45) 1,1'-Biphenyl	9.53	154	331609	37.57	ng		100
46) 2-Chloronaphthalene	9.55	162	256834	39.49	ng		99
47) 2-Nitroaniline	9.65	65	65606	41.37	ng		98
48) Acenaphthylene	9.97	152	408817	37.96	ng		100
49) Dimethylphthalate	9.82	163	291118	41.09	ng		99
50) 2,6-Dinitrotoluene	9.89	165	54900	40.34	ng	#	44
51) Acenaphthene	10.14	154	274058	41.64	ng		99
52) 3-Nitroaniline	10.06	138	37371	25.81	ng		88
53) 2,4-Dinitrophenol	10.17	184	62569	78.20	ng		90
54) Dibenzofuran	10.32	168	365054	39.84	ng		97
55) 4-Nitrophenol	10.24	139	108522	80.64	ng		91
56) 2,4-Dinitrotoluene	10.29	165	89829	42.47	ng		98
57) Fluorene	10.66	166	282410	38.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	63390	44.35	ng		97
59) Diethylphthalate	10.52	149	299728	44.82	ng		98
60) 4-Chlorophenyl-phenylether	10.65	204	125205	38.50	ng		96
61) 4-Nitroaniline	10.68	138	65837	39.37	ng		89
62) Azobenzene	10.81	77	290609	43.18	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.70	198	37832	40.21	ng		98
65) n-Nitrosodiphenylamine	10.76	169	255811	36.48	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	72891	37.36	ng		97
67) Hexachlorobenzene	11.21	284	92125	38.93	ng		96
68) Atrazine	11.29	200	68715	41.41	ng		84
69) Pentachlorophenol	11.41	266	83438	69.94	ng		95
70) Phenanthrene	11.62	178	435228	37.53	ng		98
71) Anthracene	11.68	178	435910	38.70	ng		100
72) Carbazole	11.84	167	389889	38.64	ng		99
73) Di-n-butylphthalate	12.14	149	405444	40.06	ng		99
74) Fluoranthene	12.83	202	446942	41.22	ng		95
76) Benzidine	12.96	184	135485	24.21	ng		100
77) Pyrene	13.07	202	489750	36.29	ng		100
79) Butylbenzylphthalate	13.72	149	166819	38.81	ng		97
80) Benzo(a)anthracene	14.39	228	452409	38.87	ng		99
81) 3,3'-Dichlorobenzidine	14.34	252	71015	19.32	ng	#	97
82) Chrysene	14.42	228	405823	34.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.35	149	242049	38.56	ng	#	96
84) Di-n-octyl phthalate	15.09	149	392355	41.10	ng		99
85) Indeno(1,2,3-cd)pyrene	17.68	276	493146	41.05	ng		97
87) Benzo(b)fluoranthene	15.62	252	421992m	33.65	ng		
88) Benzo(k)fluoranthene	15.65	252	449864m	41.43	ng		
89) Benzo(a)pyrene	16.02	252	429194	40.16	ng		99
90) Dibenzo(a,h)anthracene	17.69	278	416917	39.62	ng		96
91) Benzo(g,h,i)perylene	18.16	276	426359	40.14	ng		97

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

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