Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080686.D
Acq On : 27 Jul 2015 23:05
Operator : TP/UM
Sample : PB84679BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Manual Integrations APPROVED
apatel
7/29/2015 10:40:47 AM

Quant Time: Jul 28 07:50:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 07:40:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	36562	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	130646	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	57704	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	90903	20.00	ng		0.00
75) Chrysene-d12	14.20	240	60358	20.00	ng		-0.05
86) Perylene-d12	15.84	264	28660	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	195642	83.69	ng		0.00
7) Phenol-d6	6.53	99	232345	93.84	ng		0.00
23) Nitrobenzene-d5	7.48	82	246469	96.59	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	53669	105.18	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	435513	94.46	ng		0.00
78) Terphenyl-d14	13.06	244	292358	82.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	37744	38.26	ng		95
3) Pyridine	3.29	79	112068	44.90	ng		96
4) n-Nitrosodimethylamine	3.20	42	58528	36.50	ng		97
6) Aniline	6.58	93	72086	20.39	ng		95
8) 2-Chlorophenol	6.70	128	105557	46.39	ng		97
9) Benzaldehyde	6.46	77	26091	15.61	ng		99
10) Phenol	6.54	94	117002	42.09	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	92418	45.58	ng		98
12) 1,3-Dichlorobenzene	6.86	146	123408	44.52	ng		99
13) 1,4-Dichlorobenzene	6.94	146	119174	44.00	ng		99
14) 1,2-Dichlorobenzene	7.09	146	113935	44.37	ng		99
15) Benzyl Alcohol	7.06	79	100521	50.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	183669	48.75	ng		98
17) 2-Methylphenol	7.17	107	74028	46.83	ng	#	88
18) Hexachloroethane	7.44	117	41143	46.20	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	72807	50.09	ng	#	77
20) 3+4-Methylphenols	7.32	107	105895	49.06	ng		93
22) Acetophenone	7.33	105	144157	42.62	ng		97
24) Nitrobenzene	7.50	77	109791	43.49	ng		99
25) Isophorone	7.74	82	189634	47.94	ng		97
26) 2-Nitrophenol	7.82	139	43853	43.45	ng		96
27) 2,4-Dimethylphenol	7.86	122	85144m	43.58	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	107054	45.85	ng		99
29) 2,4-Dichlorophenol	8.06	162	74969	45.72	ng	#	82
30) 1,2,4-Trichlorobenzene	8.16	180	88166	42.32	ng		98
31) Naphthalene	8.24	128	274019	42.64	ng		99
32) Benzoic acid	7.92	122	48877m	51.26	ng		
33) 4-Chloroaniline	8.28	127	42885	18.64	ng		95
34) Hexachlorobutadiene	8.35	225	53153	40.68	ng		93
35) Caprolactam	8.60	113	18585	54.97	ng	#	80
36) 4-Chloro-3-methylphenol	8.75	107	84809	51.20	ng		98
37) 2-Methylnaphthalene	8.92	142	193749	47.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	84709	39.92	ng		99
40) Hexachlorocyclopentadiene	9.08	237	121175	89.04	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	59961	42.04	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	58698	45.60	ng		94
45) 1,1'-Biphenyl	9.39	154	209739	43.00	ng		98
46) 2-Chloronaphthalene	9.41	162	175193	43.14	ng		96
47) 2-Nitroaniline	9.50	65	45379	47.30	ng	#	38
48) Acenaphthylene	9.82	152	275680	42.89	ng		98
49) Dimethylphthalate	9.68	163	173035	45.39	ng		99
50) 2,6-Dinitrotoluene	9.74	165	38206	51.34	ng	#	83
51) Acenaphthene	10.00	154	175931	46.50	ng		99
52) 3-Nitroaniline	9.90	138	26902	31.70	ng		99
53) 2,4-Dinitrophenol	10.01	184	22359	115.26	ng	#	48
54) Dibenzofuran	10.17	168	237181	45.92	ng		96
55) 4-Nitrophenol	10.05	139	53672	93.95	ng	#	81
56) 2,4-Dinitrotoluene	10.14	165	48687	57.30	ng		95
57) Fluorene	10.51	166	181068	46.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	42592	49.45	ng	#	82
59) Diethylphthalate	10.38	149	186111	51.92	ng		100
60) 4-Chlorophenyl-phenylether	10.51	204	84330	48.95	ng		100
61) 4-Nitroaniline	10.51	138	30753	42.04	ng		95
62) Azobenzene	10.66	77	174313	49.71	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	17533	50.73	ng		94
65) n-Nitrosodiphenylamine	10.62	169	145345	46.60	ng		97
66) 4-Bromophenyl-phenylether	11.00	248	46176	47.26	ng		94
67) Hexachlorobenzene	11.06	284	51632	44.67	ng		96
68) Atrazine	11.15	200	39463	64.77	ng		93
69) Pentachlorophenol	11.25	266	51463	113.97	ng		95
70) Phenanthrene	11.47	178	237494	45.63	ng		99
71) Anthracene	11.53	178	255512	50.49	ng		96
72) Carbazole	11.68	167	196310	46.20	ng		99
73) Di-n-butylphthalate	12.02	149	239889	55.23	ng		98
74) Fluoranthene	12.67	202	221250	53.60	ng		97
76) Benzidine	12.80	184	41186	25.10	ng		100
77) Pyrene	12.91	202	213687	42.44	ng		99
79) Butylbenzylphthalate	13.57	149	71918	48.82	ng		92
80) Benzo(a)anthracene	14.19	228	149838	42.86	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	16686	18.30	ng	#	96
82) Chrysene	14.24	228	153864	43.90	ng		96
83) Bis(2-ethylhexyl)phthalate	14.21	149	90710	50.43	ng	#	96
84) Di-n-octyl phthalate	14.93	149	115126	53.89	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.31	276	50164	35.04	ng		97
87) Benzo(b)fluoranthene	15.40	252	95634	46.71	ng		99
88) Benzo(k)fluoranthene	15.43	252	94092m	47.69	ng		
89) Benzo(a)pyrene	15.77	252	77166	48.32	ng		94
90) Dibenzo(a,h)anthracene	17.35	278	43890	41.13	ng		98
91) Benzo(g,h,i)perylene	17.76	276	41177	39.80	ng	#	92

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

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