Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085335.D
Acq On : 10 Mar 2016 16:09
Operator : UM/SJ
Sample : PB88797BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
Sohil
3/11/2016 4:58:18 PM

Quant Time: Mar 10 17:44:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:13:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	209156	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	860363	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	388629	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	744391	20.00	ng		0.00
75) Chrysene-d12	14.11	240	476504	20.00	ng		0.00
86) Perylene-d12	15.57	264	379635	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1180469	94.67	ng		0.02
7) Phenol-d6	6.57	99	1457016	89.19	ng		0.01
23) Nitrobenzene-d5	7.50	82	953613	59.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	353091	106.18	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1635980	64.02	ng		0.00
78) Terphenyl-d14	13.05	244	1332528	64.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	151693	23.79	ng		97
3) Pyridine	3.44	79	474280	29.72	ng		97
4) n-Nitrosodimethylamine	3.38	42	187291	27.42	ng		99
6) Aniline	6.60	93	546830	23.88	ng		98
8) 2-Chlorophenol	6.72	128	421445	28.07	ng		95
9) Benzaldehyde	6.48	77	112818	11.27	ng		97
10) Phenol	6.58	94	631837	36.11	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	427637	29.43	ng		98
12) 1,3-Dichlorobenzene	6.88	146	467516	29.01	ng		98
13) 1,4-Dichlorobenzene	6.96	146	456465m	28.26	ng		
14) 1,2-Dichlorobenzene	7.11	146	450148	30.72	ng		99
15) Benzyl Alcohol	7.08	79	356819	29.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	550229	26.27	ng		99
17) 2-Methylphenol	7.19	107	364532	29.76	ng		97
18) Hexachloroethane	7.45	117	169886	28.51	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	281502	26.44	ng	#	92
20) 3+4-Methylphenols	7.34	107	437708	30.17	ng		94
22) Acetophenone	7.35	105	547736	26.08	ng	#	99
24) Nitrobenzene	7.52	77	453132	27.74	ng		97
25) Isophorone	7.76	82	835164	28.03	ng		99
26) 2-Nitrophenol	7.84	139	248587	31.28	ng	#	90
27) 2,4-Dimethylphenol	7.88	122	433375	29.83	ng		96
28) bis(2-Chloroethoxy)methane	7.97	93	501764	30.24	ng		100
29) 2,4-Dichlorophenol	8.08	162	369957	31.58	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	373837	29.52	ng		98
31) Naphthalene	8.25	128	1229167	29.05	ng		97
32) Benzoic acid	7.99	122	239971	24.87	ng	#	86
33) 4-Chloroaniline	8.29	127	312011	18.23	ng		99
34) Hexachlorobutadiene	8.37	225	203244	30.84	ng		98
35) Caprolactam	8.66	113	124606m	32.57	ng		
36) 4-Chloro-3-methylphenol	8.78	107	413579	31.12	ng	#	84
37) 2-Methylnaphthalene	8.94	142	865422	31.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	326412	29.37	ng		98
40) Hexachlorocyclopentadiene	9.10	237	399684	66.68	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	254710	30.79	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	265716	33.87	ng	#	91
45) 1,1'-Biphenyl	9.41	154	966301	29.10	ng		93
46) 2-Chloronaphthalene	9.43	162	774903	30.62	ng		98
47) 2-Nitroaniline	9.52	65	254157	32.41	ng	#	81
48) Acenaphthylene	9.84	152	1171296	29.74	ng		99
49) Dimethylphthalate	9.70	163	928052	31.11	ng		99
50) 2,6-Dinitrotoluene	9.76	165	185790	29.11	ng		90
51) Acenaphthene	10.01	154	765980	32.03	ng		99
52) 3-Nitroaniline	9.93	138	183306	24.01	ng		96
53) 2,4-Dinitrophenol	10.04	184	169748	55.19	ng	#	53
54) Dibenzofuran	10.18	168	976855	31.18	ng		98
55) 4-Nitrophenol	10.09	139	342337	57.06	ng	#	82
56) 2,4-Dinitrotoluene	10.17	165	264547	32.39	ng	#	66
57) Fluorene	10.53	166	743576	30.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	188200	34.15	ng		96
59) Diethylphthalate	10.40	149	860702	29.73	ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	364724	30.46	ng	#	88
61) 4-Nitroaniline	10.55	138	241523	33.82	ng		93
62) Azobenzene	10.68	77	924230	32.41	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	122791	27.55	ng	#	65
65) n-Nitrosodiphenylamine	10.64	169	727049	31.40	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	213084	29.48	ng	#	86
67) Hexachlorobenzene	11.08	284	229504	29.76	ng	#	82
68) Atrazine	11.17	200	244019	37.90	ng		97
69) Pentachlorophenol	11.27	266	253185	59.15	ng		99
70) Phenanthrene	11.49	178	1172198	30.05	ng		99
71) Anthracene	11.54	178	1258227	30.38	ng		99
72) Carbazole	11.69	167	1008842	27.78	ng		98
73) Di-n-butylphthalate	12.02	149	1126010	24.53	ng		99
74) Fluoranthene	12.68	202	976929	24.95	ng		97
76) Benzidine	12.80	184	553633	39.04	ng		98
77) Pyrene	12.90	202	1023871	28.55	ng		98
79) Butylbenzylphthalate	13.52	149	454793	27.95	ng		94
80) Benzo(a)anthracene	14.09	228	811314	28.44	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	148494	16.50	ng	#	97
82) Chrysene	14.14	228	761508	28.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	582929	27.22	ng		100
84) Di-n-octyl phthalate	14.70	149	958084	29.38	ng		96
85) Indeno(1,2,3-cd)pyrene	17.03	276	659578	32.07	ng		97
87) Benzo(b)fluoranthene	15.15	252	722577	28.56	ng	#	95
88) Benzo(k)fluoranthene	15.17	252	598141m	29.31	ng		
89) Benzo(a)pyrene	15.51	252	644526	30.74	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	549691	30.71	ng		98
91) Benzo(g,h,i)perylene	17.48	276	550775	30.60	ng	#	92

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

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