Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085540.D
Acq On : 18 Mar 2016 18:44
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/21/2016 5:05:34 PM

Quant Time: Mar 18 23:16:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:01:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142750	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	552812	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	273077	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	504650	20.00	ng	0.00
75) Chrysene-d12	14.01	240	386530	20.00	ng	0.00
86) Perylene-d12	15.44	264	320634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	720984	84.45	ng	0.00
7) Phenol-d6	6.49	99	899908	82.40	ng	0.00
23) Nitrobenzene-d5	7.43	82	811653	85.25	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	211107	84.64	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1380853	85.48	ng	0.00
78) Terphenyl-d14	12.96	244	1177413	70.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	170593	40.75	ng	100
3) Pyridine	3.19	79	411399	41.42	ng	100
4) n-Nitrosodimethylamine	3.13	42	167945	37.28	ng	100
6) Aniline	6.52	93	590097	39.73	ng	100
8) 2-Chlorophenol	6.64	128	403105	40.71	ng	100
9) Benzaldehyde	6.40	77	205383	33.75	ng	100
10) Phenol	6.50	94	550974	43.96	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	392954	41.60	ng	100
12) 1,3-Dichlorobenzene	6.80	146	426030	39.43	ng	100
13) 1,4-Dichlorobenzene	6.87	146	419233	38.48	ng	100
14) 1,2-Dichlorobenzene	7.03	146	416678	43.03	ng	100
15) Benzyl Alcohol	7.00	79	294438	38.53	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	514425	40.44	ng	100
17) 2-Methylphenol	7.11	107	327259	40.27	ng	100
18) Hexachloroethane	7.37	117	159880	40.16	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	271006	40.96	ng	100
20) 3+4-Methylphenols	7.27	107	359790	40.30	ng	100
22) Acetophenone	7.27	105	490083	36.08	ng	100
24) Nitrobenzene	7.44	77	398941	38.19	ng	100
25) Isophorone	7.68	82	756644	39.64	ng	100
26) 2-Nitrophenol	7.76	139	232647	45.41	ng	100
27) 2,4-Dimethylphenol	7.80	122	348285	38.86	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	465320	40.63	ng	100
29) 2,4-Dichlorophenol	8.00	162	313179	42.24	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	329106	39.03	ng	100
31) Naphthalene	8.16	128	1059468	39.24	ng	100
32) Benzoic acid	7.93	122	314524	56.74	ng	100
33) 4-Chloroaniline	8.22	127	493279	42.01	ng	100
34) Hexachlorobutadiene	8.29	225	186852	42.26	ng	100
35) Caprolactam	8.60	113	106140	43.77	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	368535	42.91	ng	100
37) 2-Methylnaphthalene	8.86	142	724621	41.07	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	295439	35.79	ng	100
40) Hexachlorocyclopentadiene	9.01	237	152932	38.33	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	216580	38.81	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	229724	40.71	ng	100
45) 1,1'-Biphenyl	9.32	154	890016	40.01	ng	100
46) 2-Chloronaphthalene	9.35	162	686897	40.80	ng	100
47) 2-Nitroaniline	9.44	65	221244	43.00	ng	100
48) Acenaphthylene	9.76	152	1134508	41.38	ng	100
49) Dimethylphthalate	9.62	163	786729	39.70	ng	100
50) 2,6-Dinitrotoluene	9.68	165	159856	37.66	ng	100
51) Acenaphthene	9.93	154	696589	40.81	ng	100
52) 3-Nitroaniline	9.85	138	199829	38.78	ng	100
53) 2,4-Dinitrophenol	9.96	184	100173	49.09	ng	100
54) Dibenzofuran	10.10	168	860622	40.72	ng	100
55) 4-Nitrophenol	10.01	139	174018	46.64	ng	100
56) 2,4-Dinitrotoluene	10.09	165	242328	43.68	ng	100
57) Fluorene	10.45	166	729305	42.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	157919	40.75	ng	100
59) Diethylphthalate	10.32	149	786268	40.19	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	312946	36.87	ng	100
61) 4-Nitroaniline	10.47	138	230599	45.94	ng	100
62) Azobenzene	10.60	77	772403	40.26	ng	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	130303	43.71	ng	100
65) n-Nitrosodiphenylamine	10.56	169	653326	41.32	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	209098	40.62	ng	100
67) Hexachlorobenzene	11.00	284	230804	43.07	ng	100
68) Atrazine	11.09	200	206726	44.69	ng	100
69) Pentachlorophenol	11.19	266	137841	48.24	ng	100
70) Phenanthrene	11.41	178	1111545	41.53	ng	100
71) Anthracene	11.45	178	1007421	37.81	ng	100
72) Carbazole	11.61	167	1003741	43.14	ng	100
73) Di-n-butylphthalate	11.94	149	1253740	43.57	ng	100
74) Fluoranthene	12.58	202	1066079	42.14	ng	100
76) Benzidine	12.71	184	528498	42.85	ng	100
77) Pyrene	12.82	202	1147995	39.25	ng	100
79) Butylbenzylphthalate	13.44	149	542891	42.49	ng	100
80) Benzo(a)anthracene	14.00	228	878351	39.46	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	322447	42.74	ng	100
82) Chrysene	14.05	228	946096	45.44	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	653398	41.88	ng	100
84) Di-n-octyl phthalate	14.61	149	1107326	47.39	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	675091	36.66	ng	100
87) Benzo(b)fluoranthene	15.03	252	752689m	35.83	ng	
88) Benzo(k)fluoranthene	15.07	252	823761m	48.94	ng	
89) Benzo(a)pyrene	15.39	252	719479	39.68	ng	100
90) Dibenzo(a,h)anthracene	16.86	278	565306	33.06	ng	100
91) Benzo(g,h,i)perylene	17.26	276	542301	31.28	ng	100

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

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