Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079481.D
Acq On : 26 May 2015 17:20
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
apatel
5/27/2015 1:59:05 PM

Quant Time: May 26 18:56:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 18:36:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	65823	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	272330	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	129428	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	242700	20.00	ng		0.00
75) Chrysene-d12	15.87	240	240858	20.00	ng		0.00
86) Perylene-d12	17.59	264	246777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	309189m	80.41	ng		0.00
7) Phenol-d6	6.62	99	398933	78.27	ng		0.00
23) Nitrobenzene-d5	7.71	82	383685	80.28	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	119480	84.60	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	754844	80.57	ng		0.00
78) Terphenyl-d14	14.59	244	840962	82.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	71982m	42.25	ng		
3) Pyridine	2.49	79	164244m	34.13	ng		
4) n-Nitrosodimethylamine	2.42	42	74503m	36.21	ng		
6) Aniline	6.60	93	278289m	39.02	ng		
8) 2-Chlorophenol	6.75	128	186671	42.09	ng		100
9) Benzaldehyde	6.47	77	110112	33.00	ng		100
10) Phenol	6.63	94	238378	40.34	ng		100
11) bis(2-Chloroethyl)ether	6.72	93	165653	38.15	ng		100
12) 1,3-Dichlorobenzene	6.94	146	200199	40.50	ng		100
13) 1,4-Dichlorobenzene	7.04	146	203720	40.17	ng		100
14) 1,2-Dichlorobenzene	7.22	146	188592	40.03	ng		100
15) Benzyl Alcohol	7.22	79	141778	37.68	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.39	45	241877	36.84	ng		100
17) 2-Methylphenol	7.37	107	143327	40.50	ng		100
18) Hexachloroethane	7.63	117	71709	41.14	ng		100
19) n-Nitroso-di-n-propylamine	7.54	70	133548	39.20	ng		100
20) 3+4-Methylphenols	7.58	107	195898	41.61	ng		100
22) Acetophenone	7.53	105	243965	39.32	ng		100
24) Nitrobenzene	7.74	77	183101	38.63	ng		100
25) Isophorone	8.04	82	352227	39.85	ng		100
26) 2-Nitrophenol	8.14	139	91905	46.09	ng		100
27) 2,4-Dimethylphenol	8.22	122	161631	41.18	ng		100
28) bis(2-Chloroethoxy)methane	8.33	93	215725	39.76	ng		100
29) 2,4-Dichlorophenol	8.44	162	146534	41.75	ng		100
30) 1,2,4-Trichlorobenzene	8.52	180	153536	40.07	ng		100
31) Naphthalene	8.62	128	526842	40.15	ng		100
32) Benzoic acid	8.35	122	102152	44.57	ng		100
33) 4-Chloroaniline	8.71	127	224367	40.30	ng		100
34) Hexachlorobutadiene	8.78	225	88842	40.13	ng		100
35) Caprolactam	9.14	113	47954	42.22	ng		100
36) 4-Chloro-3-methylphenol	9.32	107	152626	41.85	ng		100
37) 2-Methylnaphthalene	9.48	142	366084	40.38	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	148530	40.24	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	29642	17.84	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	106152	41.88	ng		100
43) 2,4,5-Trichlorophenol	9.90	196	100378	39.41	ng		100
45) 1,1'-Biphenyl	10.07	154	417767	40.11	ng		100
46) 2-Chloronaphthalene	10.08	162	336743	41.19	ng		100
47) 2-Nitroaniline	10.22	65	98147	41.77	ng		100
48) Acenaphthylene	10.58	152	546388	40.89	ng		100
49) Dimethylphthalate	10.46	163	381398	39.66	ng		100
50) 2,6-Dinitrotoluene	10.54	165	78418	41.31	ng		100
51) Acenaphthene	10.80	154	308243	39.10	ng		100
52) 3-Nitroaniline	10.73	138	100750	42.33	ng		100
53) 2,4-Dinitrophenol	10.88	184	20863	38.85	ng		100
54) Dibenzofuran	11.02	168	456742	39.93	ng		100
55) 4-Nitrophenol	10.98	139	49368m	27.97	ng		
56) 2,4-Dinitrotoluene	11.03	165	108610	43.23	ng		100
57) Fluorene	11.44	166	386524	40.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.18	232	76578	37.12	ng	#	100
59) Diethylphthalate	11.34	149	378787	39.88	ng		100
60) 4-Chlorophenyl-phenylether	11.45	204	167466	40.15	ng		100
61) 4-Nitroaniline	11.48	138	93513	39.91	ng		100
62) Azobenzene	11.64	77	359187	38.70	ng		100
64) 4,6-Dinitro-2-methylphenol	11.53	198	46088	46.04	ng		100
65) n-Nitrosodiphenylamine	11.61	169	333096	40.91	ng		100
66) 4-Bromophenyl-phenylether	12.06	248	105266	40.97	ng		100
67) Hexachlorobenzene	12.11	284	117389	40.08	ng		100
68) Atrazine	12.28	200	92774	39.18	ng		100
69) Pentachlorophenol	12.38	266	43955	31.57	ng		100
70) Phenanthrene	12.63	178	542829	39.74	ng		100
71) Anthracene	12.70	178	559272	41.38	ng		100
72) Carbazole	12.90	167	533811	41.51	ng		100
73) Di-n-butylphthalate	13.36	149	632730	41.29	ng		100
74) Fluoranthene	14.10	202	589684	41.20	ng		100
76) Benzidine	14.29	184	205155	32.74	ng		100
77) Pyrene	14.38	202	597147	42.19	ng		100
79) Butylbenzylphthalate	15.21	149	269748	43.86	ng		100
80) Benzo(a)anthracene	15.86	228	546279	40.90	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	205845	43.14	ng		100
82) Chrysene	15.91	228	530686	41.07	ng		100
83) Bis(2-ethylhexyl)phthalate	15.93	149	387155	41.91	ng		100
84) Di-n-octyl phthalate	16.72	149	664155	40.53	ng		100
85) Indeno(1,2,3-cd)pyrene	18.91	276	671158	40.94	ng		100
87) Benzo(b)fluoranthene	17.15	252	546482	40.24	ng		100
88) Benzo(k)fluoranthene	17.19	252	568556m	42.81	ng		
89) Benzo(a)pyrene	17.53	252	532894	42.24	ng		100
90) Dibenzo(a,h)anthracene	18.94	278	544549	40.87	ng		100
91) Benzo(g,h,i)perylene	19.29	276	558746	41.60	ng		100

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

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