Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077617.D
Acq On : 5 Mar 2015 10:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/5/2015 2:11:50 PM

Quant Time: Mar 05 13:12:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 13:27:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	100651	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	405068	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	205257	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	412811	20.00	ng		0.00
75) Chrysene-d12	16.12	240	421797	20.00	ng		0.01
86) Perylene-d12	17.91	264	405554	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	470013	77.96	ng		0.00
7) Phenol-d6	6.79	99	610682	78.78	ng		0.00
23) Nitrobenzene-d5	7.92	82	516987	79.37	ng		0.00
41) 2,4,6-Tribromophenol	11.96	330	161487	81.71	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	1040468	79.04	ng		0.00
78) Terphenyl-d14	14.81	244	1285198	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	93171	36.42	ng		95
3) Pyridine	2.87	79	287564	39.29	ng		97
4) n-Nitrosodimethylamine	2.78	42	125643	39.48	ng		91
6) Aniline	6.81	93	407694	38.05	ng	#	89
8) 2-Chlorophenol	6.96	128	274633	38.61	ng		98
9) Benzaldehyde	6.67	77	201089	42.73	ng		90
10) Phenol	6.81	94	333592	36.27	ng	#	56
11) bis(2-Chloroethyl)ether	6.92	93	263388	39.85	ng		99
12) 1,3-Dichlorobenzene	7.15	146	304053	39.26	ng		95
13) 1,4-Dichlorobenzene	7.25	146	296718	37.66	ng		97
14) 1,2-Dichlorobenzene	7.43	146	276306	36.87	ng		95
15) Benzyl Alcohol	7.41	79	226662	38.46	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.59	45	351201	37.17	ng		96
17) 2-Methylphenol	7.56	107	217972	39.21	ng		99
18) Hexachloroethane	7.85	117	92508	35.15	ng		91
19) n-Nitroso-di-n-propylamine	7.74	70	185417	37.67	ng		98
20) 3+4-Methylphenols	7.75	107	284765	38.89	ng	#	83
22) Acetophenone	7.74	105	360235	37.81	ng	#	90
24) Nitrobenzene	7.94	77	258901	37.78	ng	#	82
25) Isophorone	8.24	82	494817	38.29	ng		97
26) 2-Nitrophenol	8.33	139	115166	41.00	ng	#	87
27) 2,4-Dimethylphenol	8.40	122	232034	36.92	ng		94
28) bis(2-Chloroethoxy)methane	8.52	93	323128	39.58	ng		99
29) 2,4-Dichlorophenol	8.63	162	232189	39.36	ng		95
30) 1,2,4-Trichlorobenzene	8.74	180	246466	38.00	ng		98
31) Naphthalene	8.83	128	790233	39.01	ng		99
32) Benzoic acid	8.51	122	127571	41.77	ng		98
33) 4-Chloroaniline	8.90	127	336805	37.40	ng	#	89
34) Hexachlorobutadiene	8.98	225	133426	36.03	ng		97
35) Caprolactam	9.34	113	71022	39.44	ng		97
36) 4-Chloro-3-methylphenol	9.52	107	241834	40.78	ng		99
37) 2-Methylnaphthalene	9.69	142	545671	37.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	237786	40.38	ng		99
40) Hexachlorocyclopentadiene	9.88	237	38798	12.29	ng		98

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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	10.04	196	164124	42.08	ng		99
43) 2,4,5-Trichlorophenol	10.09	196	175442	42.07	ng	#	91
45) 1,1'-Biphenyl	10.27	154	634448	40.80	ng		98
46) 2-Chloronaphthalene	10.29	162	515842	42.30	ng		96
47) 2-Nitroaniline	10.42	65	140270	46.72	ng		92
48) Acenaphthylene	10.80	152	811325	42.02	ng		99
49) Dimethylphthalate	10.66	163	564900	39.15	ng		100
50) 2,6-Dinitrotoluene	10.73	165	118693	41.02	ng	#	41
51) Acenaphthene	11.02	154	446202	38.73	ng		100
52) 3-Nitroaniline	10.93	138	155537	46.63	ng		99
53) 2,4-Dinitrophenol	11.07	184	4077	4.63	ng	#	81
54) Dibenzofuran	11.23	168	696875	39.18	ng		97
55) 4-Nitrophenol	11.15	139	109827	40.93	ng	#	72
56) 2,4-Dinitrotoluene	11.23	165	160775	41.12	ng	#	80
57) Fluorene	11.66	166	559807	39.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.39	232	140357	41.86	ng		97
59) Diethylphthalate	11.54	149	598178	42.05	ng		98
60) 4-Chlorophenyl-phenylether	11.67	204	266274	38.86	ng		92
61) 4-Nitroaniline	11.69	138	148636	46.49	ng		98
62) Azobenzene	11.86	77	566743	42.00	ng		96
64) 4,6-Dinitro-2-methylphenol	11.73	198	8008	8.20	ng		81
65) n-Nitrosodiphenylamine	11.81	169	507996	37.09	ng		98
66) 4-Bromophenyl-phenylether	12.27	248	166460	34.43	ng		95
67) Hexachlorobenzene	12.33	284	174675	33.67	ng	#	92
68) Atrazine	12.49	200	141177	31.70	ng		97
69) Pentachlorophenol	12.58	266	95213	34.91	ng		99
70) Phenanthrene	12.85	178	847313	35.41	ng		99
71) Anthracene	12.91	178	847356	35.69	ng		100
72) Carbazole	13.12	167	798878	35.39	ng		99
73) Di-n-butylphthalate	13.57	149	1005673	37.94	ng		98
74) Fluoranthene	14.32	202	939763	35.96	ng		99
76) Benzidine	14.51	184	702976	49.33	ng		98
77) Pyrene	14.60	202	944019	36.59	ng		98
79) Butylbenzylphthalate	15.43	149	455238	42.89	ng		99
80) Benzo(a)anthracene	16.11	228	950059	38.43	ng		99
81) 3,3'-Dichlorobenzidine	16.09	252	371142	40.97	ng		99
82) Chrysene	16.15	228	861239	37.10	ng		99
83) Bis(2-ethylhexyl)phthalate	16.17	149	662899	38.94	ng	#	97
84) Di-n-octyl phthalate	16.99	149	1160409	40.83	ng		99
85) Indeno(1,2,3-cd)pyrene	19.36	276	940884	35.55	ng		98
87) Benzo(b)fluoranthene	17.45	252	881179	37.36	ng	#	97
88) Benzo(k)fluoranthene	17.48	252	874387m	37.83	ng		
89) Benzo(a)pyrene	17.84	252	841141	37.45	ng		99
90) Dibenzo(a,h)anthracene	19.39	278	778620	36.35	ng		98
91) Benzo(g,h,i)perylene	19.78	276	777931	35.98	ng		99

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

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