Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079597.D
Acq On : 30 May 2015 10:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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Quant Time: May 31 06:29:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77548	20.00	ng		-0.01
21) Naphthalene-d8	8.52	136	311248	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	144893	20.00	ng		-0.01
63) Phenanthrene-d10	12.53	188	258851	20.00	ng		-0.01
75) Chrysene-d12	15.81	240	266291	20.00	ng		-0.03
86) Perylene-d12	17.54	264	280287	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	382909	85.64	ng		-0.01
7) Phenol-d6	6.55	99	470861	82.63	ng		-0.01
23) Nitrobenzene-d5	7.66	82	465222	86.40	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	133507	83.89	ng		-0.01
44) 2-Fluorobiphenyl	9.87	172	845114	83.21	ng		-0.01
78) Terphenyl-d14	14.51	244	924618	81.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	89233	41.95	ng	#	100
3) Pyridine	2.39	79	218341	46.62	ng		99
4) n-Nitrosodimethylamine	2.33	42	94614	41.03	ng		98
6) Aniline	6.54	93	331577	41.00	ng		99
8) 2-Chlorophenol	6.68	128	216574	41.61	ng		97
9) Benzaldehyde	6.40	77	134430	42.95	ng		98
10) Phenol	6.57	94	274851	40.96	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	206621	42.57	ng		92
12) 1,3-Dichlorobenzene	6.87	146	239136	41.47	ng		99
13) 1,4-Dichlorobenzene	6.97	146	244560	41.58	ng		99
14) 1,2-Dichlorobenzene	7.15	146	226775	41.51	ng		99
15) Benzyl Alcohol	7.15	79	174932	41.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.32	45	294168	41.41	ng		93
17) 2-Methylphenol	7.31	107	171252	41.88	ng		99
18) Hexachloroethane	7.56	117	79198	39.12	ng		99
19) n-Nitroso-di-n-propylamine	7.48	70	162299	40.48	ng	#	93
20) 3+4-Methylphenols	7.51	107	228573	40.68	ng		91
22) Acetophenone	7.47	105	295364	42.36	ng	#	93
24) Nitrobenzene	7.68	77	226741	42.73	ng	#	86
25) Isophorone	7.98	82	403828	41.15	ng		95
26) 2-Nitrophenol	8.07	139	106211	42.27	ng	#	88
27) 2,4-Dimethylphenol	8.15	122	184163	40.78	ng		95
28) bis(2-Chloroethoxy)methane	8.26	93	254850	41.90	ng		97
29) 2,4-Dichlorophenol	8.38	162	178108	43.05	ng		95
30) 1,2,4-Trichlorobenzene	8.47	180	184857	43.08	ng		94
31) Naphthalene	8.56	128	607035	40.64	ng		99
32) Benzoic acid	8.30	122	114781	40.95	ng		97
33) 4-Chloroaniline	8.64	127	261358	41.88	ng		95
34) Hexachlorobutadiene	8.71	225	103633	42.45	ng		97
35) Caprolactam	9.08	113	51126	39.19	ng		88
36) 4-Chloro-3-methylphenol	9.27	107	178508	41.60	ng	#	85
37) 2-Methylnaphthalene	9.42	142	433885	41.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	178037	43.93	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	8043	15.37	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	115350	40.76	ng		96
43) 2,4,5-Trichlorophenol	9.83	196	126977	45.08	ng	#	91
45) 1,1'-Biphenyl	10.00	154	485535	42.90	ng		98
46) 2-Chloronaphthalene	10.01	162	366781	41.04	ng		99
47) 2-Nitroaniline	10.16	65	108863	40.96	ng	#	57
48) Acenaphthylene	10.51	152	611218	41.20	ng		99
49) Dimethylphthalate	10.40	163	433503	40.61	ng		98
50) 2,6-Dinitrotoluene	10.47	165	91664	42.98	ng	#	77
51) Acenaphthene	10.73	154	340275	40.11	ng		100
52) 3-Nitroaniline	10.67	138	114948	41.43	ng	#	72
53) 2,4-Dinitrophenol	10.83	184	5497	15.09	ng		95
54) Dibenzofuran	10.95	168	509651	40.73	ng		99
55) 4-Nitrophenol	10.91	139	72646m	47.22	ng		
56) 2,4-Dinitrotoluene	10.97	165	115995	40.55	ng	#	72
57) Fluorene	11.37	166	411080	39.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.11	232	88152	43.00	ng	#	100
59) Diethylphthalate	11.27	149	436480	41.77	ng		97
60) 4-Chlorophenyl-phenylether	11.38	204	184709	41.45	ng		97
61) 4-Nitroaniline	11.43	138	108046	41.80	ng		80
62) Azobenzene	11.58	77	382395	37.62	ng		99
64) 4,6-Dinitro-2-methylphenol	11.47	198	15105	16.86	ng		85
65) n-Nitrosodiphenylamine	11.53	169	362157	42.12	ng		99
66) 4-Bromophenyl-phenylether	11.99	248	116516	43.71	ng		96
67) Hexachlorobenzene	12.05	284	130028	42.78	ng		97
68) Atrazine	12.22	200	97550	42.00	ng		97
69) Pentachlorophenol	12.31	266	48310	41.50	ng		98
70) Phenanthrene	12.56	178	579887	40.84	ng		99
71) Anthracene	12.62	178	589268	40.87	ng		99
72) Carbazole	12.83	167	563885	40.62	ng		98
73) Di-n-butylphthalate	13.29	149	696771	44.89	ng		100
74) Fluoranthene	14.02	202	617653	40.56	ng		95
76) Benzidine	14.22	184	347096	60.86	ng		99
77) Pyrene	14.30	202	637189	38.62	ng		100
79) Butylbenzylphthalate	15.14	149	313882	42.31	ng		91
80) Benzo(a)anthracene	15.79	228	626396	40.89	ng		99
81) 3,3'-Dichlorobenzidine	15.77	252	238903	42.59	ng	#	97
82) Chrysene	15.84	228	587448	40.35	ng		99
83) Bis(2-ethylhexyl)phthalate	15.86	149	460689	43.34	ng		99
84) Di-n-octyl phthalate	16.66	149	813869	43.99	ng		100
85) Indeno(1,2,3-cd)pyrene	18.85	276	748323	39.96	ng		99
87) Benzo(b)fluoranthene	17.10	252	621268m	38.86	ng		
88) Benzo(k)fluoranthene	17.13	252	646126m	45.20	ng		
89) Benzo(a)pyrene	17.49	252	597696	42.53	ng		98
90) Dibenzo(a,h)anthracene	18.87	278	606092	41.20	ng		98
91) Benzo(g,h,i)perylene	19.22	276	602687	41.21	ng		96

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

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