Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090056.D
Acq On : 12 Sep 2016 11:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 12 15:36:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	220475	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	887083	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	445462	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	890200	20.00	ng		0.00
75) Chrysene-d12	13.69	240	624448	20.00	ng		0.00
86) Perylene-d12	15.03	264	587153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1058998	76.88	ng		0.00
7) Phenol-d6	6.23	99	1231012	73.55	ng		0.00
23) Nitrobenzene-d5	7.15	82	1126805	73.67	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	373564	85.00	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	2014477	74.23	ng		0.00
78) Terphenyl-d14	12.66	244	1943964	76.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	255606	39.17	ng		94
3) Pyridine	2.62	79	627237	36.02	ng		99
4) n-Nitrosodimethylamine	2.58	42	303607	35.36	ng		95
6) Aniline	6.24	93	800107	35.04	ng		93
8) 2-Chlorophenol	6.36	128	604685	40.46	ng		99
9) Benzaldehyde	6.11	77	349095	32.33	ng		93
10) Phenol	6.24	94	644305	33.10	ng		83
11) bis(2-Chloroethyl)ether	6.33	93	578560	39.28	ng		85
12) 1,3-Dichlorobenzene	6.51	146	627813m	37.62	ng		
13) 1,4-Dichlorobenzene	6.59	146	663876	38.88	ng		97
14) 1,2-Dichlorobenzene	6.75	146	606942	39.65	ng		96
15) Benzyl Alcohol	6.73	79	386163	36.83	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1065352	37.94	ng		86
17) 2-Methylphenol	6.86	107	452070	37.88	ng		99
18) Hexachloroethane	7.10	117	227031	38.82	ng	#	79
19) n-Nitroso-di-n-propylamine	7.02	70	394027	36.13	ng		95
20) 3+4-Methylphenols	7.02	107	559028	38.64	ng	#	72
22) Acetophenone	7.00	105	802134	40.31	ng	#	92
24) Nitrobenzene	7.18	77	599579	36.87	ng	#	73
25) Isophorone	7.42	82	1131252	36.37	ng		100
26) 2-Nitrophenol	7.48	139	316937	40.77	ng		99
27) 2,4-Dimethylphenol	7.54	122	545997	37.97	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	678822	36.18	ng		99
29) 2,4-Dichlorophenol	7.74	162	514340	39.90	ng		92
30) 1,2,4-Trichlorobenzene	7.82	180	560087	39.74	ng		100
31) Naphthalene	7.88	128	1548422	35.04	ng		100
32) Benzoic acid	7.70	122	434971	44.91	ng		96
33) 4-Chloroaniline	7.94	127	692778	38.85	ng		97
34) Hexachlorobutadiene	8.01	225	310474	37.59	ng		99
35) Caprolactam	8.33	113	147469	36.24	ng		98
36) 4-Chloro-3-methylphenol	8.43	107	531866	38.96	ng	#	81
37) 2-Methylnaphthalene	8.58	142	1122058	38.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	500278	38.34	ng		99
40) Hexachlorocyclopentadiene	8.73	237	276349	41.30	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	358811	39.67	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	395920	45.53	ng	#	91
45) 1,1'-Biphenyl	9.05	154	1413349	39.41	ng		95
46) 2-Chloronaphthalene	9.06	162	963241	37.97	ng		99
47) 2-Nitroaniline	9.16	65	332799	40.12	ng	#	86
48) Acenaphthylene	9.47	152	1601679	38.18	ng		100
49) Dimethylphthalate	9.36	163	1277387	39.67	ng		99
50) 2,6-Dinitrotoluene	9.42	165	315353	44.04	ng	#	74
51) Acenaphthene	9.64	154	1047523	39.41	ng		100
52) 3-Nitroaniline	9.58	138	317484	38.87	ng		93
53) 2,4-Dinitrophenol	9.68	184	163153	44.16	ng		89
54) Dibenzofuran	9.82	168	1337762	37.56	ng		99
55) 4-Nitrophenol	9.75	139	247271	40.14	ng	#	68
56) 2,4-Dinitrotoluene	9.82	165	350447	38.59	ng	#	88
57) Fluorene	10.16	166	1101592	42.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	303395m	40.75	ng		
59) Diethylphthalate	10.06	149	1169078	38.60	ng		94
60) 4-Chlorophenyl-phenylether	10.16	204	512367	41.83	ng		94
61) 4-Nitroaniline	10.19	138	340617	42.45	ng		99
62) Azobenzene	10.32	77	1117650	36.94	ng		82
64) 4,6-Dinitro-2-methylphenol	10.22	198	226473	39.74	ng		81
65) n-Nitrosodiphenylamine	10.27	169	969437	36.22	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	349299	38.98	ng		98
67) Hexachlorobenzene	10.70	284	366095	35.76	ng		97
68) Atrazine	10.81	200	331692	37.13	ng		97
69) Pentachlorophenol	10.89	266	237257	43.08	ng		99
70) Phenanthrene	11.11	178	1674904	37.78	ng		99
71) Anthracene	11.15	178	1679352	37.35	ng		100
72) Carbazole	11.31	167	1630045	38.66	ng		99
73) Di-n-butylphthalate	11.67	149	1833302	37.31	ng	#	98
74) Fluoranthene	12.28	202	1739039	37.43	ng		97
76) Benzidine	12.41	184	920146	38.90	ng		96
77) Pyrene	12.50	202	1634987	37.14	ng		99
79) Butylbenzylphthalate	13.14	149	769218	43.32	ng		95
80) Benzo(a)anthracene	13.68	228	1512658	39.55	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	606998	43.97	ng		99
82) Chrysene	13.73	228	1528026	42.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	927079	37.75	ng	#	94
84) Di-n-octyl phthalate	14.31	149	1708343	43.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1084946	41.08	ng		98
87) Benzo(b)fluoranthene	14.67	252	1296511m	35.25	ng		
88) Benzo(k)fluoranthene	14.70	252	1257037m	40.27	ng		
89) Benzo(a)pyrene	14.98	252	1235893	39.22	ng		99
90) Dibenzo(a,h)anthracene	16.25	278	886624	38.40	ng		98
91) Benzo(g,h,i)perylene	16.59	276	887247	38.17	ng		98

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

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