Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093565.D
Acq On : 11 Mar 2017 14:18
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 16:25:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/15/2017 5:31:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182414	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	754182	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	357699	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	646617	20.00	ng		0.00
75) Chrysene-d12	13.89	240	500572	20.00	ng		0.00
86) Perylene-d12	15.28	264	429541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	958493	87.45	ng		0.00
7) Phenol-d6	6.38	99	1086050	78.58	ng		0.00
23) Nitrobenzene-d5	7.30	82	1164756	85.69	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	189672	81.39	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1659390	86.29	ng		0.00
78) Terphenyl-d14	12.83	244	1614715	83.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	261877	43.38	ng		87
3) Pyridine	2.86	79	663100	43.08	ng		86
4) n-Nitrosodimethylamine	2.84	42	319045	43.40	ng		80
6) Aniline	6.39	93	754358	39.77	ng	#	72
8) 2-Chlorophenol	6.50	128	499293	40.66	ng		83
9) Benzaldehyde	6.28	77	355172	43.64	ng		95
10) Phenol	6.40	94	719731	42.50	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	538182	39.32	ng		90
12) 1,3-Dichlorobenzene	6.65	146	558043m	39.70	ng		
13) 1,4-Dichlorobenzene	6.73	146	579556	40.27	ng		99
14) 1,2-Dichlorobenzene	6.89	146	514140	40.34	ng		95
15) Benzyl Alcohol	6.88	79	430423	43.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	947152	41.65	ng	#	37
17) 2-Methylphenol	7.01	107	422835	40.71	ng	#	92
18) Hexachloroethane	7.22	117	203029	41.83	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	379012	39.89	ng		90
20) 3+4-Methylphenols	7.17	107	585278	43.45	ng	#	74
22) Acetophenone	7.14	105	714015	39.34	ng	#	99
24) Nitrobenzene	7.32	77	621495	40.68	ng		96
25) Isophorone	7.56	82	1115509	40.70	ng		94
26) 2-Nitrophenol	7.64	139	295941	42.46	ng		96
27) 2,4-Dimethylphenol	7.68	122	420888	37.12	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	717319	41.45	ng		100
29) 2,4-Dichlorophenol	7.89	162	442511	41.48	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	440946	38.87	ng		97
31) Naphthalene	8.04	128	1433801	37.94	ng		99
32) Benzoic acid	7.85	122	262530	44.56	ng		94
33) 4-Chloroaniline	8.09	127	605477	39.48	ng	#	93
34) Hexachlorobutadiene	8.14	225	227828	38.99	ng		99
35) Caprolactam	8.47	113	137747	37.81	ng	#	13
36) 4-Chloro-3-methylphenol	8.60	107	467837	41.09	ng		98
37) 2-Methylnaphthalene	8.72	142	912643	37.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	426451	43.66	ng		99
40) Hexachlorocyclopentadiene	8.87	237	146169	62.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	268813	44.05 ng		94
43) 2,4,5-Trichlorophenol	9.06	196	287383	43.89 ng		91
45) 1,1'-Biphenyl	9.19	154	1113275	42.72 ng		99
46) 2-Chloronaphthalene	9.21	162	917993	46.02 ng		99
47) 2-Nitroaniline	9.33	65	361884	51.32 ng	#	85
48) Acenaphthylene	9.62	152	1433554	43.58 ng		98
49) Dimethylphthalate	9.50	163	1028657	43.38 ng		100
50) 2,6-Dinitrotoluene	9.57	165	259471	49.86 ng		95
51) Acenaphthene	9.80	154	847291	43.56 ng		96
52) 3-Nitroaniline	9.74	138	282008	45.11 ng		100
53) 2,4-Dinitrophenol	9.86	184	113637	47.95 ng	#	69
54) Dibenzofuran	9.97	168	1158986	47.60 ng		96
55) 4-Nitrophenol	9.93	139	153135m	50.43 ng		
56) 2,4-Dinitrotoluene	9.98	165	312817	48.93 ng	#	84
57) Fluorene	10.31	166	959526	46.51 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	209955	45.43 ng		99
59) Diethylphthalate	10.18	149	947468	41.80 ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	437776	47.34 ng	#	86
61) 4-Nitroaniline	10.36	138	261495	40.90 ng		98
62) Azobenzene	10.46	77	1244163	48.31 ng		96
64) 4,6-Dinitro-2-methylphenol	10.39	198	149361	35.65 ng	#	68
65) n-Nitrosodiphenylamine	10.42	169	833361	38.60 ng		98
66) 4-Bromophenyl-phenylether	10.79	248	258184	37.76 ng	#	80
67) Hexachlorobenzene	10.86	284	253516	38.83 ng		98
68) Atrazine	10.95	200	235071	37.20 ng		99
69) Pentachlorophenol	11.06	266	124608	55.28 ng		97
70) Phenanthrene	11.27	178	1447571	39.22 ng		98
71) Anthracene	11.32	178	1396014	37.39 ng		100
72) Carbazole	11.49	167	1478658	42.16 ng		98
73) Di-n-butylphthalate	11.81	149	1696719	41.81 ng	#	97
74) Fluoranthene	12.46	202	1406296	39.45 ng		92
76) Benzidine	12.59	184	674078	40.95 ng		97
77) Pyrene	12.68	202	1440001	39.55 ng		100
79) Butylbenzylphthalate	13.29	149	642911	41.95 ng		96
80) Benzo(a)anthracene	13.87	228	1159576	39.23 ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	418334	40.41 ng		97
82) Chrysene	13.91	228	1199654	43.86 ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	952816	44.61 ng	#	97
84) Di-n-octyl phthalate	14.46	149	1508674	42.38 ng		96
85) Indeno(1,2,3-cd)pyrene	16.62	276	888470	38.81 ng	#	94
87) Benzo(b)fluoranthene	14.89	252	1285334m	49.13 ng		
88) Benzo(k)fluoranthene	14.92	252	805653m	31.93 ng		
89) Benzo(a)pyrene	15.23	252	970895	40.61 ng		99
90) Dibenzo(a,h)anthracene	16.62	278	770502	38.95 ng		96
91) Benzo(g,h,i)perylene	17.02	276	778887	38.37 ng	#	91

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

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