Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093030.D
Acq On : 20 Feb 2017 16:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:24 PM

Quant Time: Feb 20 16:49:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	168987	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	701116	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	384107	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	629494	20.00	ng		0.00
75) Chrysene-d12	14.02	240	478110	20.00	ng		0.00
86) Perylene-d12	15.44	264	385442	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	809706	82.20	ng		-0.01
7) Phenol-d6	6.49	99	1034221	81.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	1009470	80.18	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	209203	75.30	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1639381	77.32	ng		0.00
78) Terphenyl-d14	12.96	244	1504457	73.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	217549	40.87	ng		87
3) Pyridine	3.13	79	576194	42.57	ng		88
4) n-Nitrosodimethylamine	3.09	42	253773	39.93	ng		83
6) Aniline	6.51	93	744188	43.05	ng	#	50
8) 2-Chlorophenol	6.64	128	468096	43.08	ng		92
9) Benzaldehyde	6.40	77	331977	36.56	ng		99
10) Phenol	6.50	94	578126	38.99	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	513973	43.43	ng		98
12) 1,3-Dichlorobenzene	6.78	146	509876m	40.06	ng		
13) 1,4-Dichlorobenzene	6.86	146	529027	41.07	ng		98
14) 1,2-Dichlorobenzene	7.02	146	500081	40.60	ng		94
15) Benzyl Alcohol	7.00	79	379172	40.41	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	884225	43.00	ng		94
17) 2-Methylphenol	7.12	107	418057	44.84	ng		97
18) Hexachloroethane	7.36	117	181582	41.29	ng	#	81
19) n-Nitroso-di-n-propylamine	7.28	70	344810	42.74	ng	#	96
20) 3+4-Methylphenols	7.26	107	484458	43.46	ng	#	66
22) Acetophenone	7.26	105	592146	36.99	ng	#	91
24) Nitrobenzene	7.44	77	487598	37.72	ng		97
25) Isophorone	7.68	82	946105	40.33	ng		95
26) 2-Nitrophenol	7.76	139	250707	40.80	ng		98
27) 2,4-Dimethylphenol	7.80	122	456770	42.32	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	619998	39.90	ng		99
29) 2,4-Dichlorophenol	8.01	162	399204	39.66	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	427570	39.42	ng		100
31) Naphthalene	8.17	128	1385522	38.98	ng		98
32) Benzoic acid	7.94	122	176175	31.68	ng		87
33) 4-Chloroaniline	8.21	127	532855	38.23	ng		97
34) Hexachlorobutadiene	8.28	225	228828	38.34	ng		99
35) Caprolactam	8.59	113	129647	40.95	ng	#	35
36) 4-Chloro-3-methylphenol	8.70	107	446180	42.52	ng		93
37) 2-Methylnaphthalene	8.85	142	911190	39.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412586	38.27	ng		99
40) Hexachlorocyclopentadiene	9.00	237	187067	38.45	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	277288	39.14	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	291138	37.50	ng		93
45) 1,1'-Biphenyl	9.32	154	1111512	39.96	ng		99
46) 2-Chloronaphthalene	9.34	162	896999	41.23	ng		99
47) 2-Nitroaniline	9.44	65	287413	39.29	ng		93
48) Acenaphthylene	9.76	152	1381068	36.74	ng		99
49) Dimethylphthalate	9.62	163	952341	36.81	ng		98
50) 2,6-Dinitrotoluene	9.69	165	252662	45.22	ng		94
51) Acenaphthene	9.93	154	770732	34.30	ng		98
52) 3-Nitroaniline	9.86	138	287672	44.99	ng	#	79
53) 2,4-Dinitrophenol	9.96	184	122788	45.38	ng	#	69
54) Dibenzofuran	10.10	168	1097606	36.52	ng		95
55) 4-Nitrophenol	10.02	139	165145	35.86	ng		93
56) 2,4-Dinitrotoluene	10.09	165	267482	35.96	ng		96
57) Fluorene	10.44	166	904443	39.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	211962	40.93	ng		95
59) Diethylphthalate	10.32	149	918176	37.66	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	381680	34.36	ng		95
61) 4-Nitroaniline	10.46	138	262867	40.14	ng		93
62) Azobenzene	10.59	77	970839	38.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	170662	44.73	ng	#	66
65) n-Nitrosodiphenylamine	10.56	169	836053	41.58	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	252003	38.32	ng		95
67) Hexachlorobenzene	10.99	284	257733	39.66	ng		96
68) Atrazine	11.08	200	245646	38.07	ng		99
69) Pentachlorophenol	11.19	266	140879	45.41	ng		97
70) Phenanthrene	11.40	178	1353181	37.52	ng		99
71) Anthracene	11.46	178	1459676	40.30	ng		97
72) Carbazole	11.61	167	1239967	35.82	ng		99
73) Di-n-butylphthalate	11.94	149	1593833	42.57	ng	#	97
74) Fluoranthene	12.59	202	1504336	40.44	ng		93
76) Benzidine	12.71	184	656635	32.23	ng		99
77) Pyrene	12.82	202	1510149	42.21	ng		99
79) Butylbenzylphthalate	13.43	149	649380	44.69	ng		97
80) Benzo(a)anthracene	14.00	228	1158156	39.61	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	413358	39.66	ng		99
82) Chrysene	14.04	228	1176461	42.97	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	813595	40.94	ng		99
84) Di-n-octyl phthalate	14.60	149	1421998	43.95	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	787009	37.11	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	1172693m	46.22	ng		
88) Benzo(k)fluoranthene	15.06	252	766673m	35.00	ng		
89) Benzo(a)pyrene	15.38	252	888988	40.51	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	665691	37.53	ng	#	96
91) Benzo(g,h,i)perylene	17.27	276	679002	37.90	ng	#	90

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

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