Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092907.D
Acq On : 11 Feb 2017 5:37
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/13/2017 12:41:29 PM

Quant Time: Feb 11 06:06:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176256	20.00	ng		-0.07
21) Naphthalene-d8	8.19	136	714779	20.00	ng		-0.07
38) Acenaphthene-d10	9.94	164	380618	20.00	ng		-0.07
63) Phenanthrene-d10	11.42	188	624187	20.00	ng		-0.07
75) Chrysene-d12	14.07	240	431656	20.00	ng		-0.08
86) Perylene-d12	15.51	264	347136	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	810138	78.86	ng		-0.08
7) Phenol-d6	6.53	99	993808	75.18	ng		-0.07
23) Nitrobenzene-d5	7.47	82	934093	72.77	ng		-0.07
41) 2,4,6-Tribromophenol	10.74	330	220651	80.15	ng		-0.07
44) 2-Fluorobiphenyl	9.26	172	1618699	77.05	ng		-0.07
78) Terphenyl-d14	13.01	244	1675760	91.22	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	202860	36.54	ng	#	86
3) Pyridine	3.21	79	575524	40.77	ng		86
4) n-Nitrosodimethylamine	3.17	42	256147	38.65	ng		87
6) Aniline	6.56	93	712228	39.50	ng	#	59
8) 2-Chlorophenol	6.68	128	450408	39.74	ng		100
9) Benzaldehyde	6.44	77	332310	35.09	ng		97
10) Phenol	6.54	94	539230	34.87	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	499717	40.48	ng		99
12) 1,3-Dichlorobenzene	6.83	146	515277	38.82	ng	#	89
13) 1,4-Dichlorobenzene	6.91	146	509415	37.91	ng		99
14) 1,2-Dichlorobenzene	7.07	146	513667	39.98	ng		97
15) Benzyl Alcohol	7.05	79	386444	39.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	898839	41.91	ng		97
17) 2-Methylphenol	7.16	107	389618	40.07	ng		96
18) Hexachloroethane	7.41	117	185395	40.42	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	327472	38.92	ng		96
20) 3+4-Methylphenols	7.32	107	473692	40.75	ng		95
22) Acetophenone	7.31	105	612039	37.50	ng	#	93
24) Nitrobenzene	7.49	77	543430	41.23	ng	#	83
25) Isophorone	7.73	82	964889	40.34	ng		97
26) 2-Nitrophenol	7.80	139	240112	38.33	ng		97
27) 2,4-Dimethylphenol	7.85	122	452340	41.11	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	621013	39.20	ng		99
29) 2,4-Dichlorophenol	8.05	162	410264	39.98	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	438388	39.64	ng		98
31) Naphthalene	8.21	128	1415980	39.08	ng		99
32) Benzoic acid	7.97	122	169846	30.34	ng		99
33) 4-Chloroaniline	8.26	127	518567	36.49	ng		96
34) Hexachlorobutadiene	8.33	225	242102	39.79	ng		99
35) Caprolactam	8.65	113	139217	43.13	ng	#	52
36) 4-Chloro-3-methylphenol	8.75	107	448085	41.88	ng		92
37) 2-Methylnaphthalene	8.90	142	883145	37.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	432324	40.46	ng		99
40) Hexachlorocyclopentadiene	9.05	237	177317	36.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	285070	40.61	ng		94
43) 2,4,5-Trichlorophenol	9.22	196	295845	38.46	ng		94
45) 1,1'-Biphenyl	9.37	154	1195145	43.36	ng		99
46) 2-Chloronaphthalene	9.39	162	903242	41.89	ng		98
47) 2-Nitroaniline	9.48	65	294655	40.65	ng		93
48) Acenaphthylene	9.80	152	1341804	36.03	ng		99
49) Dimethylphthalate	9.66	163	1067685	41.65	ng		98
50) 2,6-Dinitrotoluene	9.73	165	253738	45.83	ng		95
51) Acenaphthene	9.97	154	805209	36.16	ng		97
52) 3-Nitroaniline	9.90	138	287572	45.39	ng		87
53) 2,4-Dinitrophenol	10.01	184	75397	29.92	ng	#	83
54) Dibenzofuran	10.14	168	1088132	36.53	ng		97
55) 4-Nitrophenol	10.06	139	150915	33.07	ng		95
56) 2,4-Dinitrotoluene	10.13	165	278012	37.72	ng		97
57) Fluorene	10.49	166	869283	37.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	220156	42.90	ng		94
59) Diethylphthalate	10.36	149	963356	39.87	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	400271	36.36	ng		96
61) 4-Nitroaniline	10.51	138	260779	40.18	ng		93
62) Azobenzene	10.64	77	999369	40.04	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	131814	35.43	ng		83
65) n-Nitrosodiphenylamine	10.60	169	791990	39.72	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	249453	38.25	ng		95
67) Hexachlorobenzene	11.04	284	241898	37.54	ng	#	87
68) Atrazine	11.13	200	256432	40.07	ng		99
69) Pentachlorophenol	11.23	266	120831	40.25	ng		97
70) Phenanthrene	11.45	178	1276393	35.69	ng		99
71) Anthracene	11.50	178	1431746	39.87	ng		98
72) Carbazole	11.66	167	1402985	40.87	ng		97
73) Di-n-butylphthalate	11.99	149	1454070	39.17	ng		98
74) Fluoranthene	12.64	202	1226395	33.25	ng		98
76) Benzidine	12.76	184	687547	37.38	ng		99
77) Pyrene	12.87	202	1216065	37.64	ng		99
79) Butylbenzylphthalate	13.48	149	636366	48.51	ng		89
80) Benzo(a)anthracene	14.05	228	952389	36.07	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	366164	38.91	ng	#	95
82) Chrysene	14.09	228	890160m	36.01	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	839870	46.82	ng	#	94
84) Di-n-octyl phthalate	14.65	149	1288663	44.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	851942	44.50	ng		95
87) Benzo(b)fluoranthene	15.09	252	933039	40.84	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	764723m	38.76	ng		
89) Benzo(a)pyrene	15.45	252	804448	40.70	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	734266	45.97	ng		96
91) Benzo(g,h,i)perylene	17.38	276	731377	45.32	ng	#	92

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

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