Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099024.D
Acq On : 3 Oct 2017 11:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/4/2017 7:21:12 PM

Quant Time: Oct 03 17:08:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115421	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	484897	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	218567	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	389173	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	289887	20.00	ng		-0.05
86) Perylene-d12	15.52	264	244637	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	610313	84.18	ng		-0.05
7) Phenol-d6	6.50	99	746112	83.42	ng		-0.04
23) Nitrobenzene-d5	7.44	82	629480	83.25	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	157697	88.17	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	1132395	86.49	ng		-0.05
78) Terphenyl-d14	12.98	244	1086030	85.20	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	141140	40.751	ng		96
3) Pyridine	3.42	79	369435	39.430	ng		94
4) n-Nitrosodimethylamine	3.37	42	149021	37.508	ng		86
6) Aniline	6.54	93	486257	40.281	ng		99
8) 2-Chlorophenol	6.66	128	341862	41.635	ng		93
9) Benzaldehyde	6.43	77	196585	37.890	ng		97
10) Phenol	6.52	94	413522	41.339	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	318250	40.924	ng		99
12) 1,3-Dichlorobenzene	6.82	146	359380	41.793	ng		99
13) 1,4-Dichlorobenzene	6.89	146	365810	41.811	ng		99
14) 1,2-Dichlorobenzene	7.05	146	339421	41.986	ng		99
15) Benzyl Alcohol	7.02	79	263134	40.102	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	474661	39.177	ng		98
17) 2-Methylphenol	7.12	107	274570	40.868	ng		98
18) Hexachloroethane	7.39	117	128415	40.835	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	221558	38.798	ng		98
20) 3+4-Methylphenols	7.27	107	339592	39.956	ng		93
22) Acetophenone	7.29	105	457474	38.940	ng	#	96
24) Nitrobenzene	7.46	77	348935	40.682	ng		100
25) Isophorone	7.70	82	617945	39.529	ng		98
26) 2-Nitrophenol	7.77	139	188054	45.594	ng		90
27) 2,4-Dimethylphenol	7.80	122	316310	40.608	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	397797	40.833	ng		99
29) 2,4-Dichlorophenol	8.01	162	281958	42.161	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	280619	41.954	ng		99
31) Naphthalene	8.18	128	938593	41.214	ng		100
32) Benzoic acid	7.93	122	217662	34.019	ng		97
33) 4-Chloroaniline	8.23	127	391893	41.207	ng		97
34) Hexachlorobutadiene	8.29	225	141144	40.969	ng		99
35) Caprolactam	8.60	113	89172	41.568	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	305901	40.695	ng		98
37) 2-Methylnaphthalene	8.87	142	615242	41.557	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	276802	42.465	ng		99
40) Hexachlorocyclopentadiene	9.02	237	109396	36.724	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	190749	41.308	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	195608	42.434	ng		95
45) 1,1'-Biphenyl	9.33	154	790533	42.084	ng		100
46) 2-Chloronaphthalene	9.36	162	593237	42.062	ng		96
47) 2-Nitroaniline	9.46	65	181062	41.926	ng		95
48) Acenaphthylene	9.77	152	916733	42.460	ng		99
49) Dimethylphthalate	9.63	163	700048	42.437	ng		100
50) 2,6-Dinitrotoluene	9.70	165	158220	44.056	ng		91
51) Acenaphthene	9.95	154	549802	40.200	ng		99
52) 3-Nitroaniline	9.87	138	182340	43.544	ng		92
53) 2,4-Dinitrophenol	9.97	184	67861	39.478	ng		93
54) Dibenzofuran	10.12	168	767784	42.163	ng		99
55) 4-Nitrophenol	10.02	139	141123	39.856	ng		87
56) 2,4-Dinitrotoluene	10.10	165	210677	45.201	ng	#	87
57) Fluorene	10.46	166	626123	42.779	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	136236	42.783	ng		98
59) Diethylphthalate	10.33	149	680357	42.208	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	277945	42.275	ng		98
61) 4-Nitroaniline	10.48	138	178668	44.225	ng		92
62) Azobenzene	10.61	77	605226	40.835	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	108425	45.791	ng		93
65) n-Nitrosodiphenylamine	10.57	169	565754	41.963	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	164003	43.053	ng		100
67) Hexachlorobenzene	11.01	284	170869	41.997	ng		98
68) Atrazine	11.10	200	173709	42.824	ng		99
69) Pentachlorophenol	11.20	266	94928	37.490	ng		98
70) Phenanthrene	11.43	178	868805	41.707	ng		99
71) Anthracene	11.47	178	906772	42.543	ng		99
72) Carbazole	11.63	167	875274	41.934	ng		100
73) Di-n-butylphthalate	11.95	149	1077248	42.878	ng		100
74) Fluoranthene	12.62	202	885413	41.974	ng		97
76) Benzidine	12.73	184	459458	42.852	ng		99
77) Pyrene	12.84	202	913154	41.310	ng		100
79) Butylbenzylphthalate	13.45	149	453227	43.626	ng		97
80) Benzo(a)anthracene	14.03	228	734394	41.838	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	270045	41.966	ng		98
82) Chrysene	14.07	228	694442	41.554	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	636698	44.509	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1055709	45.833	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	580128	43.396	ng		96
87) Benzo(b)fluoranthene	15.08	252	651518m	43.315	ng		
88) Benzo(k)fluoranthene	15.12	252	583036	39.245	ng		98
89) Benzo(a)pyrene	15.45	252	564318	40.872	ng	#	96
90) Dibenzo(a,h)anthracene	17.02	278	477694	43.232	ng		98
91) Benzo(g,h,i)perylene	17.46	276	474453	43.439	ng		96

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

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