Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099047.D
Acq On : 3 Oct 2017 23:07
Operator : SJ/JU
Sample : I5601-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-016MS

Manual Integrations APPROVED
Sohil
10/4/2017 7:21:24 PM

Quant Time: Oct 04 03:06:26 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	134926	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	500210	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	177873	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	260422	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	262932	20.00	ng		-0.05
86) Perylene-d12	15.52	264	277681	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1085251	128.04	ng		-0.04
7) Phenol-d6	6.51	99	1283763	122.78	ng		-0.04
23) Nitrobenzene-d5	7.45	82	741125	95.02	ng		-0.04
41) 2,4,6-Tribromophenol	10.70	330	171846	118.07	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	1135518	106.57	ng		-0.05
78) Terphenyl-d14	12.98	244	826527	71.49	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	156231	38.587	ng		96
3) Pyridine	3.49	79	439055	40.086	ng		97
4) n-Nitrosodimethylamine	3.45	42	196817	42.376	ng		87
6) Aniline	6.55	93	404165	28.640	ng		98
8) 2-Chlorophenol	6.66	128	389797	40.610	ng		98
9) Benzaldehyde	6.43	77	195695	32.266	ng		96
10) Phenol	6.52	94	516852	44.200	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	390035	42.905	ng		97
12) 1,3-Dichlorobenzene	6.82	146	426897	42.468	ng		99
13) 1,4-Dichlorobenzene	6.89	146	432509	42.289	ng		100
14) 1,2-Dichlorobenzene	7.05	146	395250	41.824	ng		96
15) Benzyl Alcohol	7.02	79	321218	41.877	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	574701	40.577	ng		97
17) 2-Methylphenol	7.13	107	321179	40.895	ng		98
18) Hexachloroethane	7.39	117	146416	39.828	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	253662	37.998	ng		94
20) 3+4-Methylphenols	7.28	107	377755	38.021	ng	#	83
22) Acetophenone	7.29	105	514842	42.481	ng	#	99
24) Nitrobenzene	7.46	77	384390	43.444	ng		95
25) Isophorone	7.70	82	693474	43.002	ng		99
26) 2-Nitrophenol	7.77	139	202847	47.675	ng		92
27) 2,4-Dimethylphenol	7.81	122	342455	42.619	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	450636	44.841	ng		100
29) 2,4-Dichlorophenol	8.02	162	291490	42.252	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	304801	44.174	ng		99
31) Naphthalene	8.18	128	1018598	43.358	ng		99
32) Benzoic acid	7.91	122	116713	17.683	ng		97
33) 4-Chloroaniline	8.23	127	100578	10.252	ng		95
34) Hexachlorobutadiene	8.29	225	154073	43.352	ng		98
35) Caprolactam	8.59	113	83571m	37.764	ng		
36) 4-Chloro-3-methylphenol	8.71	107	281728	36.332	ng		95
37) 2-Methylnaphthalene	8.87	142	651657	42.669	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249602	47.053	ng		99
40) Hexachlorocyclopentadiene	9.02	237	113734	46.916	ng		99

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42) 2,4,6-Trichlorophenol	9.15	196	167262	44.508	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	168452	44.903	ng		97
45) 1,1'-Biphenyl	9.33	154	713179	46.652	ng		99
46) 2-Chloronaphthalene	9.36	162	540789	47.116	ng		97
47) 2-Nitroaniline	9.46	65	154090	43.844	ng		89
48) Acenaphthylene	9.77	152	784271	44.635	ng		100
49) Dimethylphthalate	9.63	163	809994	60.335	ng		100
50) 2,6-Dinitrotoluene	9.70	165	131802	45.096	ng	#	86
51) Acenaphthene	9.95	154	452834	40.685	ng		100
52) 3-Nitroaniline	9.86	138	83869	24.610	ng		94
53) 2,4-Dinitrophenol	9.97	184	57452	40.834	ng		89
54) Dibenzofuran	10.12	168	670542	45.248	ng		98
55) 4-Nitrophenol	10.02	139	202339	70.218	ng		94
56) 2,4-Dinitrotoluene	10.10	165	158376	41.754	ng		97
57) Fluorene	10.46	166	490071	41.144	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	110404	42.603	ng		98
59) Diethylphthalate	10.33	149	558254	42.556	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	229305	42.856	ng		97
61) 4-Nitroaniline	10.47	138	120695	36.710	ng		92
62) Azobenzene	10.61	77	503178	41.717	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	46230	29.177	ng		77
65) n-Nitrosodiphenylamine	10.57	169	440310	48.805	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	121002	47.468	ng		100
67) Hexachlorobenzene	11.01	284	117192	43.045	ng		93
68) Atrazine	11.09	200	128262	47.253	ng		99
69) Pentachlorophenol	11.20	266	123785	73.055	ng		99
70) Phenanthrene	11.42	178	645756	46.325	ng		99
71) Anthracene	11.47	178	663818	46.541	ng		100
72) Carbazole	11.63	167	627039	44.893	ng		100
73) Di-n-butylphthalate	11.95	149	759280	45.163	ng		99
74) Fluoranthene	12.61	202	709789	50.284	ng		99
76) Benzidine	12.73	184	459905	47.291	ng		97
77) Pyrene	12.84	202	745286	37.172	ng		99
79) Butylbenzylphthalate	13.45	149	366137	38.856	ng		98
80) Benzo(a)anthracene	14.03	228	708716	44.514	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	216410	37.079	ng		97
82) Chrysene	14.07	228	676655	44.641	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	528170	40.708	ng	#	98
84) Di-n-octyl phthalate	14.62	149	987853	47.284	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	646612	53.328	ng		96
87) Benzo(b)fluoranthene	15.09	252	739384	43.307	ng		97
88) Benzo(k)fluoranthene	15.12	252	698045	41.395	ng		99
89) Benzo(a)pyrene	15.46	252	700354	44.689	ng	#	97
90) Dibenzo(a,h)anthracene	17.02	278	545649	43.506	ng		97
91) Benzo(g,h,i)perylene	17.46	276	504849	40.722	ng		97

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

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