Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096993.D
Acq On : 24 Jul 2017 19:02
Operator : SJ/JU
Sample : PB100918BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100918BS

Manual Integrations APPROVED
Sohil
7/25/2017 5:36:20 PM

Quant Time: Jul 25 02:04:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	135099	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	529862	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	253357	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	392462	20.00	ng		-0.03
75) Chrysene-d12	13.64	240	238416	20.00	ng		-0.04
86) Perylene-d12	14.99	264	196622	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	994435	110.68	ng		-0.01
7) Phenol-d6	6.19	99	1179643	109.40	ng		-0.02
23) Nitrobenzene-d5	7.09	82	700639	81.90	ng		-0.03
41) 2,4,6-Tribromophenol	10.34	330	216685	100.20	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1181497	73.68	ng		-0.03
78) Terphenyl-d14	12.60	244	888721	64.65	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	146197	31.622	ng	#	75
3) Pyridine	2.77	79	410315	42.229	ng	#	67
4) n-Nitrosodimethylamine	2.72	42	235874	43.410	ng	#	81
6) Aniline	6.18	93	225276	16.962	ng	#	74
8) 2-Chlorophenol	6.31	128	372484	38.427	ng		93
9) Benzaldehyde	6.06	77	128988	20.697	ng		99
10) Phenol	6.20	94	448777	36.818	ng		95
11) bis(2-Chloroethyl)ether	6.26	93	382948	41.779	ng		93
12) 1,3-Dichlorobenzene	6.46	146	398102	38.637	ng		98
13) 1,4-Dichlorobenzene	6.53	146	396783	38.026	ng		97
14) 1,2-Dichlorobenzene	6.69	146	348768	36.748	ng		97
15) Benzyl Alcohol	6.67	79	275201	38.985	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	762173	40.291	ng		55
17) 2-Methylphenol	6.80	107	301052	39.940	ng	#	88
18) Hexachloroethane	7.03	117	140372	37.938	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	263965	40.635	ng	#	84
20) 3+4-Methylphenols	6.96	107	408582	44.669	ng	#	63
22) Acetophenone	6.93	105	514686	43.461	ng		96
24) Nitrobenzene	7.10	77	360818	40.783	ng		94
25) Isophorone	7.35	82	656131	41.231	ng		96
26) 2-Nitrophenol	7.42	139	190814	38.788	ng		91
27) 2,4-Dimethylphenol	7.48	122	307737	38.025	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	427948	39.797	ng		98
29) 2,4-Dichlorophenol	7.67	162	285019	38.907	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	269344	38.670	ng		98
31) Naphthalene	7.82	128	990449	39.459	ng		100
32) Benzoic acid	7.64	122	167657	32.413	ng		90
33) 4-Chloroaniline	7.88	127	99364m	9.991	ng		
34) Hexachlorobutadiene	7.95	225	138646	37.287	ng		97
35) Caprolactam	8.26	113	100560m	42.841	ng		
36) 4-Chloro-3-methylphenol	8.39	107	303917	38.583	ng		87
37) 2-Methylnaphthalene	8.51	142	667874	41.736	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	223877	32.689	ng		98
40) Hexachlorocyclopentadiene	8.67	237	217845	84.286	ng		98

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42) 2,4,6-Trichlorophenol	8.80	196	166475	32.953	ng		95
43) 2,4,5-Trichlorophenol	8.85	196	187751	36.850	ng		95
45) 1,1'-Biphenyl	8.97	154	753860	34.694	ng		97
46) 2-Chloronaphthalene	9.00	162	586570	36.660	ng		93
47) 2-Nitroaniline	9.10	65	223527	40.642	ng		93
48) Acenaphthylene	9.41	152	914202	35.860	ng		99
49) Dimethylphthalate	9.29	163	709465	37.190	ng		99
50) 2,6-Dinitrotoluene	9.35	165	156346	37.837	ng	#	78
51) Acenaphthene	9.58	154	541245	35.939	ng		98
52) 3-Nitroaniline	9.51	138	116375	23.774	ng		98
53) 2,4-Dinitrophenol	9.63	184	115116	58.265	ng	#	77
54) Dibenzofuran	9.75	168	786174	37.252	ng		98
55) 4-Nitrophenol	9.71	139	241634	67.568	ng	#	60
56) 2,4-Dinitrotoluene	9.75	165	184183	34.688	ng	#	54
57) Fluorene	10.09	166	571319	36.634	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	140939	39.886	ng		99
59) Diethylphthalate	9.99	149	756710	40.746	ng		100
60) 4-Chlorophenyl-phenylether	10.09	204	233283	33.781	ng		100
61) 4-Nitroaniline	10.13	138	181231	39.426	ng		92
62) Azobenzene	10.25	77	677738	41.367	ng		92
64) 4,6-Dinitro-2-methylphenol	10.16	198	96470	39.150	ng		85
65) n-Nitrosodiphenylamine	10.21	169	555093	39.568	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	157024	39.188	ng		99
67) Hexachlorobenzene	10.64	284	168184	37.686	ng	#	84
68) Atrazine	10.75	200	160210	40.084	ng		96
69) Pentachlorophenol	10.85	266	135488	62.845	ng		98
70) Phenanthrene	11.05	178	834193	39.092	ng		100
71) Anthracene	11.10	178	854512	39.605	ng		99
72) Carbazole	11.26	167	819410	39.218	ng		99
73) Di-n-butylphthalate	11.60	149	1021393	39.253	ng		99
74) Fluoranthene	12.23	202	847480	41.491	ng		98
76) Benzidine	12.35	184	203133	26.007	ng		96
77) Pyrene	12.45	202	842782	38.950	ng		99
79) Butylbenzylphthalate	13.09	149	421684	41.017	ng	#	83
80) Benzo(a)anthracene	13.63	228	626680	42.186	ng		98
81) 3,3'-Dichlorobenzidine	13.60	252	129268	24.199	ng	#	96
82) Chrysene	13.67	228	588011	40.208	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	503184	40.191	ng		99
84) Di-n-octyl phthalate	14.26	149	813210	39.294	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.23	276	461895	34.655	ng		99
87) Benzo(b)fluoranthene	14.63	252	477467	40.264	ng		96
88) Benzo(k)fluoranthene	14.66	252	439571	39.145	ng		97
89) Benzo(a)pyrene	14.94	252	433764	39.881	ng		98
90) Dibenzo(a,h)anthracene	16.24	278	368715	36.842	ng		97
91) Benzo(g,h,i)perylene	16.60	276	429052	40.035	ng		99

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

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