Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104653.D
Acq On : 20 Apr 2018 2:28
Operator : JU/SJ
Sample : PB108376BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Manual Integrations APPROVED
Sohil
4/25/2018 10:10:40 AM

Quant Time: Apr 25 10:09:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133183	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	546751	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	239263	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	389894	20.00	ng		0.00
75) Chrysene-d12	13.98	240	264281	20.00	ng		0.00
86) Perylene-d12	15.44	264	233665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	912093	104.72	ng		0.01
7) Phenol-d6	6.45	99	1126272	105.24	ng		0.00
23) Nitrobenzene-d5	7.37	82	718355	85.79	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	272288	109.71	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1257590	83.03	ng		0.00
78) Terphenyl-d14	12.92	244	999211	86.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	131097	32.301	ng		89
3) Pyridine	3.32	79	372796	32.670	ng		86
4) n-Nitrosodimethylamine	3.28	42	142017	35.604	ng	#	75
6) Aniline	6.47	93	418856	28.171	ng	#	89
8) 2-Chlorophenol	6.59	128	356026	38.727	ng		96
9) Benzaldehyde	6.36	77	195607	34.539	ng		96
10) Phenol	6.46	94	412110	36.293	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	332329	36.675	ng		94
12) 1,3-Dichlorobenzene	6.75	146	371204	35.641	ng		99
13) 1,4-Dichlorobenzene	6.82	146	372710	35.900	ng		98
14) 1,2-Dichlorobenzene	6.97	146	348842	36.259	ng		99
15) Benzyl Alcohol	6.95	79	288217	35.458	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	421648	34.649	ng		88
17) 2-Methylphenol	7.06	107	296934	37.157	ng		96
18) Hexachloroethane	7.32	117	114358	30.894	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	227465	32.526	ng		93
20) 3+4-Methylphenols	7.22	107	344593	34.768	ng	#	65
22) Acetophenone	7.22	105	457987	34.024	ng		96
24) Nitrobenzene	7.39	77	362354	39.197	ng		96
25) Isophorone	7.63	82	673022	38.011	ng		99
26) 2-Nitrophenol	7.70	139	181891	48.331	ng		97
27) 2,4-Dimethylphenol	7.75	122	313427	40.109	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	427844	39.521	ng		99
29) 2,4-Dichlorophenol	7.95	162	293699	39.391	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	297628	36.373	ng		99
31) Naphthalene	8.11	128	1001723	36.794	ng		99
32) Benzoic acid	7.87	122	214071	34.334	ng		98
33) 4-Chloroaniline	8.16	127	350633	30.062	ng		97
34) Hexachlorobutadiene	8.22	225	162683	36.297	ng		98
35) Caprolactam	8.54	113	101731m	39.112	ng		
36) 4-Chloro-3-methylphenol	8.65	107	318963	39.896	ng		100
37) 2-Methylnaphthalene	8.80	142	658653	37.401	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	278739	40.697	ng		99
40) Hexachlorocyclopentadiene	8.95	237	84790	22.113	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	196489	41.327	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	210671	39.596	ng		97
45) 1,1'-Biphenyl	9.27	154	777120	38.663	ng		98
46) 2-Chloronaphthalene	9.29	162	613416	38.637	ng		99
47) 2-Nitroaniline	9.39	65	189707	48.318	ng		97
48) Acenaphthylene	9.71	152	910031	36.534	ng		100
49) Dimethylphthalate	9.57	163	750323	39.767	ng		100
50) 2,6-Dinitrotoluene	9.63	165	160790	46.055	ng		95
51) Acenaphthene	9.88	154	524577	34.516	ng		99
52) 3-Nitroaniline	9.80	138	155244	37.983	ng		99
53) 2,4-Dinitrophenol	9.91	184	64230	53.395	ng	#	23
54) Dibenzofuran	10.05	168	794169	37.496	ng		98
55) 4-Nitrophenol	9.97	139	250386	77.986	ng		99
56) 2,4-Dinitrotoluene	10.04	165	196914	42.999	ng	#	98
57) Fluorene	10.40	166	604388	39.204	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	159212	40.111	ng		93
59) Diethylphthalate	10.27	149	715291	38.066	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	283469	41.288	ng		97
61) 4-Nitroaniline	10.42	138	163573	40.930	ng		94
62) Azobenzene	10.55	77	641785	35.749	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	48133	28.815	ng		92
65) n-Nitrosodiphenylamine	10.50	169	560029	41.426	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	175022	42.202	ng		94
67) Hexachlorobenzene	10.94	284	185230	39.694	ng		96
68) Atrazine	11.03	200	177903	43.598	ng		99
69) Pentachlorophenol	11.14	266	169956	58.871	ng		98
70) Phenanthrene	11.36	178	808954	37.257	ng		99
71) Anthracene	11.41	178	847615	38.403	ng		100
72) Carbazole	11.57	167	758468	35.167	ng		99
73) Di-n-butylphthalate	11.89	149	1036896	39.357	ng		99
74) Fluoranthene	12.55	202	761151	33.552	ng		95
76) Benzidine	12.67	184	607912m	110.555	ng		
77) Pyrene	12.78	202	755054	38.544	ng		99
79) Butylbenzylphthalate	13.39	149	371208	40.223	ng		100
80) Benzo(a)anthracene	13.97	228	651068	41.237	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	248413	42.199	ng		98
82) Chrysene	14.00	228	619498	38.200	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	512275	43.155	ng		99
84) Di-n-octyl phthalate	14.57	149	814356	41.057	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	535169	38.847	ng		98
87) Benzo(b)fluoranthene	15.02	252	572610	38.800	ng		99
88) Benzo(k)fluoranthene	15.04	252	580925	41.695	ng		99
89) Benzo(a)pyrene	15.38	252	534813	40.502	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	446423	41.164	ng		98
91) Benzo(g,h,i)perylene	17.33	276	427958	40.731	ng		97

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

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