Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104652.D
Acq On : 20 Apr 2018 2:01
Operator : JU/SJ
Sample : PB108361BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108361BS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:41 PM

Quant Time: Apr 20 04:57:46 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	139218	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	571559	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	237782	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	374085	20.00	ng		0.00
75) Chrysene-d12	13.98	240	281631	20.00	ng		0.00
86) Perylene-d12	15.44	264	248300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	984735	108.16	ng		0.02
7) Phenol-d6	6.45	99	1205636	107.77	ng		0.00
23) Nitrobenzene-d5	7.37	82	775397	88.59	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	263535	106.84	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1281791	85.16	ng		0.00
78) Terphenyl-d14	12.92	244	991461	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	140677	33.159	ng	#	88
3) Pyridine	3.32	79	406666	34.094	ng		88
4) n-Nitrosodimethylamine	3.28	42	156252	37.474	ng	#	78
6) Aniline	6.47	93	361387	23.252	ng	#	72
8) 2-Chlorophenol	6.59	128	375660	39.091	ng		97
9) Benzaldehyde	6.36	77	213783	36.789	ng		96
10) Phenol	6.46	94	427469	36.014	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	354766	37.454	ng		94
12) 1,3-Dichlorobenzene	6.75	146	397220	36.486	ng		99
13) 1,4-Dichlorobenzene	6.82	146	400632	36.916	ng		99
14) 1,2-Dichlorobenzene	6.97	146	374197	37.208	ng		100
15) Benzyl Alcohol	6.95	79	301952	35.537	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	446082	35.068	ng		86
17) 2-Methylphenol	7.07	107	315206	37.734	ng		94
18) Hexachloroethane	7.32	117	123395	31.890	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	242661	33.195	ng		94
20) 3+4-Methylphenols	7.22	107	358691	34.622	ng	#	73
22) Acetophenone	7.22	105	486938	34.605	ng		98
24) Nitrobenzene	7.39	77	382041	39.533	ng		98
25) Isophorone	7.63	82	696758	37.643	ng		99
26) 2-Nitrophenol	7.70	139	191395	48.649	ng		98
27) 2,4-Dimethylphenol	7.75	122	330717	40.485	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	453067	40.034	ng		99
29) 2,4-Dichlorophenol	7.95	162	303088	38.886	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	312051	36.480	ng		99
31) Naphthalene	8.11	128	1045880	36.748	ng		100
32) Benzoic acid	7.87	122	215319	33.035	ng		98
33) 4-Chloroaniline	8.16	127	178149	14.611	ng		96
34) Hexachlorobutadiene	8.22	225	170890	36.473	ng		97
35) Caprolactam	8.55	113	102454m	37.680	ng		
36) 4-Chloro-3-methylphenol	8.65	107	320050	38.295	ng		100
37) 2-Methylnaphthalene	8.80	142	680129	36.944	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287902	42.297	ng		99
40) Hexachlorocyclopentadiene	8.95	237	64038	16.805	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	198249	41.957	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	209788	39.676	ng		99
45) 1,1'-Biphenyl	9.27	154	791149	39.606	ng		99
46) 2-Chloronaphthalene	9.29	162	610596	38.699	ng		99
47) 2-Nitroaniline	9.39	65	188818	48.391	ng		99
48) Acenaphthylene	9.71	152	910500	36.780	ng		99
49) Dimethylphthalate	9.57	163	750755	40.038	ng		100
50) 2,6-Dinitrotoluene	9.63	165	159095	45.853	ng		97
51) Acenaphthene	9.88	154	522781	34.612	ng		98
52) 3-Nitroaniline	9.80	138	110298	27.154	ng		96
53) 2,4-Dinitrophenol	9.91	184	44299	41.259	ng	#	22
54) Dibenzofuran	10.05	168	793842	37.714	ng		98
55) 4-Nitrophenol	9.97	139	236467	74.110	ng		96
56) 2,4-Dinitrotoluene	10.04	165	192280	42.248	ng		96
57) Fluorene	10.40	166	591898	38.633	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	152736	38.719	ng		93
59) Diethylphthalate	10.27	149	704004	37.698	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	282831	41.452	ng		97
61) 4-Nitroaniline	10.42	138	139346	35.085	ng		91
62) Azobenzene	10.55	77	629174	35.265	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	35345	23.778	ng		84
65) n-Nitrosodiphenylamine	10.51	169	546416	42.128	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	169780	42.668	ng		95
67) Hexachlorobenzene	10.94	284	175662	39.234	ng		97
68) Atrazine	11.03	200	170542	43.560	ng		100
69) Pentachlorophenol	11.14	266	163409	58.995	ng		96
70) Phenanthrene	11.36	178	782319	37.553	ng		99
71) Anthracene	11.41	178	803642	37.950	ng		99
72) Carbazole	11.57	167	724597	35.016	ng		100
73) Di-n-butylphthalate	11.89	149	984774	38.958	ng		99
74) Fluoranthene	12.55	202	740053	34.000	ng		97
76) Benzidine	12.67	184	562460	73.540	ng		98
77) Pyrene	12.78	202	741805	35.535	ng		99
79) Butylbenzylphthalate	13.39	149	356395	36.238	ng		99
80) Benzo(a)anthracene	13.97	228	673031	40.002	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	256622	40.907	ng		97
82) Chrysene	14.01	228	648430	37.521	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	501109	39.614	ng		99
84) Di-n-octyl phthalate	14.57	149	843977	39.929	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	524646	35.737	ng		97
87) Benzo(b)fluoranthene	15.02	252	652263	41.593	ng		97
88) Benzo(k)fluoranthene	15.04	252	555085	37.492	ng		99
89) Benzo(a)pyrene	15.38	252	556453	39.657	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	442135	38.366	ng		99
91) Benzo(g,h,i)perylene	17.33	276	416845	37.335	ng		97

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

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