Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092890.D
Acq On : 10 Feb 2017 18:34
Operator : SJ/MA
Sample : PB96841BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Manual Integrations APPROVED
mohammad
2/13/2017 12:40:46 PM

Quant Time: Feb 10 23:46:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164386	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	677094	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	381008	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	613457	20.00	ng		0.00
75) Chrysene-d12	14.07	240	515404	20.00	ng		0.00
86) Perylene-d12	15.51	264	416961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	803802	83.89	ng		0.01
7) Phenol-d6	6.53	99	1000087	81.12	ng		0.00
23) Nitrobenzene-d5	7.47	82	960790	79.02	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	242415	87.97	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1755077	83.45	ng		0.00
78) Terphenyl-d14	13.01	244	1512285	68.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	182697	35.29	ng		87
3) Pyridine	3.32	79	524069	39.81	ng		89
4) n-Nitrosodimethylamine	3.28	42	250047	40.45	ng		85
6) Aniline	6.56	93	282451	16.80	ng	#	80
8) 2-Chlorophenol	6.68	128	456621	43.20	ng		99
9) Benzaldehyde	6.44	77	173604	19.66	ng		99
10) Phenol	6.54	94	541603	37.55	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	484326	42.07	ng		98
12) 1,3-Dichlorobenzene	6.83	146	487321m	39.36	ng		
13) 1,4-Dichlorobenzene	6.91	146	506562	40.42	ng		97
14) 1,2-Dichlorobenzene	7.07	146	488390	40.76	ng		95
15) Benzyl Alcohol	7.04	79	402792	44.13	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	816864	40.84	ng		95
17) 2-Methylphenol	7.16	107	402074	44.34	ng		95
18) Hexachloroethane	7.41	117	175339	40.99	ng	#	84
19) n-Nitroso-di-n-propylamine	7.31	70	323520	41.22	ng		95
20) 3+4-Methylphenols	7.31	107	458487	42.29	ng	#	76
22) Acetophenone	7.31	105	594015	38.42	ng	#	93
24) Nitrobenzene	7.48	77	471461	37.76	ng		97
25) Isophorone	7.72	82	933250	41.19	ng		96
26) 2-Nitrophenol	7.80	139	270691	45.61	ng		92
27) 2,4-Dimethylphenol	7.85	122	446841	42.87	ng		92
28) bis(2-Chloroethoxy)methane	7.94	93	629343	41.94	ng		99
29) 2,4-Dichlorophenol	8.04	162	398789	41.02	ng		91
30) 1,2,4-Trichlorobenzene	8.12	180	414491	39.57	ng		96
31) Naphthalene	8.20	128	1252401	36.49	ng		99
32) Benzoic acid	7.97	122	220279	38.90	ng		97
33) 4-Chloroaniline	8.26	127	123550	9.18	ng		97
34) Hexachlorobutadiene	8.32	225	219642	38.11	ng		99
35) Caprolactam	8.64	113	135424m	44.29	ng		
36) 4-Chloro-3-methylphenol	8.75	107	438158	43.23	ng		98
37) 2-Methylnaphthalene	8.90	142	920679	41.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	389183	36.39	ng		100
40) Hexachlorocyclopentadiene	9.05	237	337218	69.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	307504	43.76	ng		94
43) 2,4,5-Trichlorophenol	9.22	196	294844	38.29	ng		94
45) 1,1'-Biphenyl	9.37	154	1110532	40.25	ng		99
46) 2-Chloronaphthalene	9.39	162	906471	42.00	ng		97
47) 2-Nitroaniline	9.48	65	274030	37.76	ng		95
48) Acenaphthylene	9.80	152	1344383	36.06	ng		99
49) Dimethylphthalate	9.66	163	1039825	40.52	ng		98
50) 2,6-Dinitrotoluene	9.73	165	254596	45.94	ng		96
51) Acenaphthene	9.97	154	857659	38.48	ng		96
52) 3-Nitroaniline	9.89	138	87271	13.76	ng		96
53) 2,4-Dinitrophenol	10.01	184	196898	70.44	ng	#	67
54) Dibenzofuran	10.14	168	1159748	38.90	ng		98
55) 4-Nitrophenol	10.08	139	333797	73.07	ng		92
56) 2,4-Dinitrotoluene	10.13	165	290627	39.39	ng		95
57) Fluorene	10.49	166	882240	38.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	237209	46.18	ng		98
59) Diethylphthalate	10.37	149	1039747	42.99	ng		95
60) 4-Chlorophenyl-phenylether	10.49	204	441213	40.04	ng	#	77
61) 4-Nitroaniline	10.52	138	247359	38.08	ng		86
62) Azobenzene	10.65	77	1122685	44.93	ng		90
64) 4,6-Dinitro-2-methylphenol	10.54	198	147436	39.96	ng	#	62
65) n-Nitrosodiphenylamine	10.60	169	768633	39.22	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	249324	38.90	ng	#	87
67) Hexachlorobenzene	11.04	284	245108	38.70	ng	#	82
68) Atrazine	11.14	200	279956	44.52	ng		92
69) Pentachlorophenol	11.24	266	294167	89.07	ng		98
70) Phenanthrene	11.45	178	1372933	39.06	ng		98
71) Anthracene	11.50	178	1384129	39.22	ng		99
72) Carbazole	11.66	167	1346845	39.92	ng		97
73) Di-n-butylphthalate	11.98	149	1464085	40.13	ng		98
74) Fluoranthene	12.64	202	1281547	35.35	ng		99
76) Benzidine	12.76	184	353566	16.10	ng		96
77) Pyrene	12.86	202	1284280	33.30	ng		99
79) Butylbenzylphthalate	13.48	149	626852	40.02	ng		92
80) Benzo(a)anthracene	14.05	228	1127321	35.76	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	252069	22.43	ng	#	95
82) Chrysene	14.09	228	964001	32.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	884655	41.30	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1468204	42.09	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	912193	39.90	ng		95
87) Benzo(b)fluoranthene	15.09	252	1056834	38.51	ng		97
88) Benzo(k)fluoranthene	15.12	252	971474m	41.00	ng		
89) Benzo(a)pyrene	15.45	252	947146	39.90	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	767312	39.99	ng		96
91) Benzo(g,h,i)perylene	17.38	276	766923	39.57	ng	#	92

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

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