Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092255.D
Acq On : 13 Jan 2017 21:28
Operator : UM/SJ
Sample : PB95972BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:22 AM

Quant Time: Jan 16 02:33:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	176119	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	721350	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	390790	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	613536	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	421059	20.00	ng		-0.01
86) Perylene-d12	15.07	264	396297	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1592398	150.97	ng		0.01
7) Phenol-d6	6.26	99	2283438	177.32	ng		0.00
23) Nitrobenzene-d5	7.15	82	1189331	91.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	409195	126.53	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	2106121	114.97	ng		0.00
78) Terphenyl-d14	12.68	244	1926352	110.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	247817	47.72	ng		94
3) Pyridine	2.72	79	728364	40.19	ng		99
4) n-Nitrosodimethylamine	2.70	42	313122	45.80	ng		100
6) Aniline	6.24	93	275196	16.45	ng	#	82
8) 2-Chlorophenol	6.37	128	645596	53.81	ng		92
9) Benzaldehyde	6.12	77	42268	4.19	ng		92
10) Phenol	6.27	94	711393	48.48	ng	#	60
11) bis(2-Chloroethyl)ether	6.32	93	610760	52.31	ng		100
12) 1,3-Dichlorobenzene	6.51	146	623347	48.67	ng	#	88
13) 1,4-Dichlorobenzene	6.59	146	576719m	44.24	ng		
14) 1,2-Dichlorobenzene	6.75	146	523409	46.27	ng		98
15) Benzyl Alcohol	6.74	79	429407	42.91	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	769722	44.27	ng	#	43
17) 2-Methylphenol	6.87	107	444066	46.02	ng	#	89
18) Hexachloroethane	7.08	117	220792	45.68	ng	#	88
19) n-Nitroso-di-n-propylamine	7.01	70	400981	46.80	ng		97
20) 3+4-Methylphenols	7.02	107	618052	53.70	ng	#	70
22) Acetophenone	7.00	105	813548	45.72	ng	#	93
24) Nitrobenzene	7.17	77	627059	45.38	ng		95
25) Isophorone	7.41	82	1117986	46.71	ng		96
26) 2-Nitrophenol	7.49	139	321615	47.20	ng		89
27) 2,4-Dimethylphenol	7.55	122	514147	45.50	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	683695	47.11	ng		98
29) 2,4-Dichlorophenol	7.74	162	472963	49.42	ng		93
30) 1,2,4-Trichlorobenzene	7.81	180	488445	46.58	ng		96
31) Naphthalene	7.89	128	1597454	48.39	ng		99
32) Benzoic acid	7.72	122	301440	35.96	ng		99
33) 4-Chloroaniline	7.95	127	129195	8.68	ng		96
34) Hexachlorobutadiene	8.00	225	256992	46.43	ng		99
35) Caprolactam	8.34	113	145364m	46.23	ng		
36) 4-Chloro-3-methylphenol	8.46	107	526300	47.80	ng		96
37) 2-Methylnaphthalene	8.58	142	994725	53.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	451975	45.78	ng		98
40) Hexachlorocyclopentadiene	8.74	237	355308	80.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	293236	42.47	ng		100
43) 2,4,5-Trichlorophenol	8.92	196	269354	37.90	ng		94
45) 1,1'-Biphenyl	9.04	154	1262553	47.18	ng		98
46) 2-Chloronaphthalene	9.07	162	982020	46.34	ng		97
47) 2-Nitroaniline	9.17	65	281451	37.30	ng		99
48) Acenaphthylene	9.48	152	1490418	45.73	ng		99
49) Dimethylphthalate	9.36	163	1176600	47.07	ng		99
50) 2,6-Dinitrotoluene	9.42	165	284754	52.05	ng		97
51) Acenaphthene	9.65	154	980874	44.40	ng		99
52) 3-Nitroaniline	9.58	138	80434	11.88	ng		99
53) 2,4-Dinitrophenol	9.71	184	194656	63.95	ng	#	90
54) Dibenzofuran	9.82	168	1284705	43.06	ng		99
55) 4-Nitrophenol	9.79	139	356058m	77.46	ng		
56) 2,4-Dinitrotoluene	9.82	165	294931	42.95	ng	#	62
57) Fluorene	10.16	166	1053564	48.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	242095	43.08	ng		99
59) Diethylphthalate	10.05	149	1120949	46.18	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	418797	44.06	ng		96
61) 4-Nitroaniline	10.20	138	234182	33.38	ng		97
62) Azobenzene	10.31	77	1197696	44.82	ng		99
64) 4,6-Dinitro-2-methylphenol	10.23	198	162873	43.90	ng	#	49
65) n-Nitrosodiphenylamine	10.28	169	859291	47.20	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	308275	48.30	ng		93
67) Hexachlorobenzene	10.71	284	329521	48.30	ng	#	85
68) Atrazine	10.82	200	266625	45.40	ng		97
69) Pentachlorophenol	10.91	266	255675	76.38	ng		98
70) Phenanthrene	11.11	178	1407262	42.30	ng		98
71) Anthracene	11.17	178	1643131	66.36	ng		98
72) Carbazole	11.33	167	1402309	60.47	ng		99
73) Di-n-butylphthalate	11.66	149	1730757	55.90	ng		99
74) Fluoranthene	12.29	202	1532826	53.22	ng		100
76) Benzidine	12.43	184	266577	21.51	ng		96
77) Pyrene	12.52	202	1420897	45.99	ng		100
79) Butylbenzylphthalate	13.16	149	762157	54.24	ng	#	78
80) Benzo(a)anthracene	13.71	228	1288775	54.22	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	153622	17.04	ng		97
82) Chrysene	13.74	228	978329	41.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	931919	56.32	ng	#	98
84) Di-n-octyl phthalate	14.33	149	1576856	51.44	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1013965	49.09	ng		99
87) Benzo(b)fluoranthene	14.71	252	1440536m	58.38	ng		
88) Benzo(k)fluoranthene	14.74	252	748301m	35.57	ng		
89) Benzo(a)pyrene	15.02	252	1027448	46.92	ng	#	94
90) Dibenzo(a,h)anthracene	16.31	278	839223	46.62	ng		96
91) Benzo(g,h,i)perylene	16.67	276	851370	45.49	ng		95

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

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