Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092352.D
Acq On : 18 Jan 2017 15:41
Operator : UM/SJ
Sample : PB96090BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96092BS

Quant Time: Jan 19 02:39:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	136567	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	574231	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	291069	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	448939	20.00	ng		0.00
75) Chrysene-d12	13.69	240	271170	20.00	ng		-0.01
86) Perylene-d12	15.03	264	257171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1230888	150.49	ng		0.01
7) Phenol-d6	6.21	99	1279565	128.14	ng		-0.01
23) Nitrobenzene-d5	7.12	82	894798	86.65	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	276169	114.65	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1497346	109.05	ng		0.00
78) Terphenyl-d14	12.65	244	1257447	112.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	163758	40.67	ng	#	90
3) Pyridine	2.62	79	478437	34.04	ng		97
4) n-Nitrosodimethylamine	2.59	42	211682	39.93	ng		99
6) Aniline	6.21	93	280269	21.61	ng	#	62
8) 2-Chlorophenol	6.34	128	392006	42.13	ng		89
9) Benzaldehyde	6.08	77	346551	Below Cal			96
10) Phenol	6.22	94	437905	38.48	ng		88
11) bis(2-Chloroethyl)ether	6.29	93	400079	44.19	ng		99
12) 1,3-Dichlorobenzene	6.48	146	406021	40.88	ng		99
13) 1,4-Dichlorobenzene	6.56	146	409907m	40.55	ng		
14) 1,2-Dichlorobenzene	6.71	146	372002	42.41	ng		99
15) Benzyl Alcohol	6.71	79	336436	43.36	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	547252	40.59	ng	#	43
17) 2-Methylphenol	6.84	107	310771	41.53	ng	#	89
18) Hexachloroethane	7.06	117	155430	41.47	ng		90
19) n-Nitroso-di-n-propylamine	6.98	70	291013	43.81	ng		98
20) 3+4-Methylphenols	7.00	107	447848	50.18	ng	#	73
22) Acetophenone	6.96	105	584724	41.28	ng	#	94
24) Nitrobenzene	7.14	77	425999	38.73	ng		98
25) Isophorone	7.38	82	767171	40.27	ng	#	93
26) 2-Nitrophenol	7.46	139	216716	39.95	ng		97
27) 2,4-Dimethylphenol	7.51	122	336144	37.36	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	487588	42.20	ng		99
29) 2,4-Dichlorophenol	7.71	162	333585	43.79	ng		88
30) 1,2,4-Trichlorobenzene	7.78	180	333666	39.97	ng		96
31) Naphthalene	7.86	128	1115621	42.45	ng		98
32) Benzoic acid	7.67	122	216926	32.51	ng		98
33) 4-Chloroaniline	7.92	127	112241	9.47	ng		95
34) Hexachlorobutadiene	7.97	225	181094	41.10	ng		99
35) Caprolactam	8.29	113	93782m	37.46	ng		
36) 4-Chloro-3-methylphenol	8.43	107	367055	41.87	ng		97
37) 2-Methylnaphthalene	8.54	142	696184	43.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	321463	43.71	ng		98
40) Hexachlorocyclopentadiene	8.70	237	214466	66.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	206201	40.09	ng		97
43) 2,4,5-Trichlorophenol	8.88	196	205406	38.81	ng		96
45) 1,1'-Biphenyl	9.01	154	938704	47.10	ng		97
46) 2-Chloronaphthalene	9.03	162	690514	43.75	ng		98
47) 2-Nitroaniline	9.14	65	205351	36.54	ng		91
48) Acenaphthylene	9.44	152	1033800	42.59	ng		98
49) Dimethylphthalate	9.32	163	769578	41.34	ng		98
50) 2,6-Dinitrotoluene	9.39	165	182559	44.80	ng		92
51) Acenaphthene	9.62	154	674969	41.02	ng		98
52) 3-Nitroaniline	9.55	138	74494	14.77	ng		88
53) 2,4-Dinitrophenol	9.67	184	145301	64.09	ng	#	78
54) Dibenzofuran	9.79	168	928478	41.78	ng		99
55) 4-Nitrophenol	9.75	139	162141m	47.36	ng		
56) 2,4-Dinitrotoluene	9.79	165	202133	39.52	ng	#	51
57) Fluorene	10.13	166	726259	44.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	168565	40.27	ng		97
59) Diethylphthalate	10.02	149	736368	40.73	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	298491	42.16	ng		94
61) 4-Nitroaniline	10.16	138	163182	31.23	ng		97
62) Azobenzene	10.28	77	857153	43.06	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	109404	40.30	ng	#	24
65) n-Nitrosodiphenylamine	10.24	169	574247	43.11	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	211380	45.26	ng	#	89
67) Hexachlorobenzene	10.68	284	207435	41.56	ng	#	87
68) Atrazine	10.78	200	190538	44.34	ng		96
69) Pentachlorophenol	10.88	266	137628	56.19	ng		98
70) Phenanthrene	11.08	178	979976	40.26	ng		99
71) Anthracene	11.14	178	1094819	54.77	ng		97
72) Carbazole	11.30	167	924826	47.12	ng		98
73) Di-n-butylphthalate	11.64	149	1200066	52.73	ng	#	97
74) Fluoranthene	12.26	202	902573	42.01	ng		99
76) Benzidine	12.39	184	422315	68.85	ng		97
77) Pyrene	12.48	202	939934	47.24	ng		99
79) Butylbenzylphthalate	13.13	149	461461	51.00	ng	#	77
80) Benzo(a)anthracene	13.67	228	733939	47.95	ng		99
81) 3,3'-Dichlorobenzidine	13.64	252	121420	20.92	ng		96
82) Chrysene	13.71	228	594099	38.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	597313	56.05	ng		99
84) Di-n-octyl phthalate	14.29	149	916949	46.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.26	276	727038	54.66	ng		99
87) Benzo(b)fluoranthene	14.68	252	792367m	49.49	ng		
88) Benzo(k)fluoranthene	14.70	252	451939m	33.10	ng		
89) Benzo(a)pyrene	14.98	252	613469	43.17	ng		98
90) Dibenzo(a,h)anthracene	16.26	278	596411	51.06	ng		98
91) Benzo(g,h,i)perylene	16.61	276	645361	53.13	ng	#	95

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

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