Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090161.D
Acq On : 21 Sep 2016 15:27
Operator : UM/SJ
Sample : SP3773
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP3773

Quant Time: Sep 22 02:13:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	134529	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	606611	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	332006	20.00	ng		-0.01
63) Phenanthrene-d10	11.01	188	451927	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	338531	20.00	ng		-0.01
86) Perylene-d12	14.94	264	301755	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	8.83	172	450	0.03	ng		-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	223473	49.91	ng		98
3) Pyridine	2.57	79	620570	63.90	ng		98
4) n-Nitrosodimethylamine	2.55	42	181823	62.74	ng		98
6) Aniline	6.16	93	455745	35.87	ng	#	77
8) 2-Chlorophenol	6.28	128	448441	47.22	ng		91
9) Benzaldehyde	6.04	77	344585	77.58	ng		91
10) Phenol	6.17	94	592548	49.18	ng	#	71
11) bis(2-Chloroethyl)ether	6.25	93	478009	50.87	ng		92
12) 1,3-Dichlorobenzene	6.44	146	490336	49.42	ng		97
13) 1,4-Dichlorobenzene	6.52	146	502905	49.65	ng		97
14) 1,2-Dichlorobenzene	6.67	146	442706m	49.06	ng		
15) Benzyl Alcohol	6.66	79	338025	55.61	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.81	45	526000	46.85	ng		96
17) 2-Methylphenol	6.79	107	357161	47.75	ng		98
18) Hexachloroethane	7.02	117	171312	47.42	ng		95
19) n-Nitroso-di-n-propylamine	6.94	70	287097	47.95	ng		98
20) 3+4-Methylphenols	6.95	107	467982	52.11	ng		96
22) Acetophenone	6.92	105	614694	42.02	ng	#	98
24) Nitrobenzene	7.10	77	476307	43.68	ng		90
25) Isophorone	7.35	82	1007224	46.07	ng		99
26) 2-Nitrophenol	7.42	139	273541	50.95	ng		96
27) 2,4-Dimethylphenol	7.47	122	434306	45.53	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	615502	46.54	ng		99
29) 2,4-Dichlorophenol	7.67	162	416112	49.73	ng		99
30) 1,2,4-Trichlorobenzene	7.74	180	408411	48.87	ng		100
31) Naphthalene	7.82	128	1414600	48.97	ng		100
32) Benzoic acid	7.63	122	320339	48.92	ng		89
33) 4-Chloroaniline	7.87	127	331747	27.69	ng		99
34) Hexachlorobutadiene	7.94	225	200103	45.39	ng		99
35) Caprolactam	8.26	113	150838m	54.47	ng		
36) 4-Chloro-3-methylphenol	8.38	107	449895	47.58	ng		95
37) 2-Methylnaphthalene	8.51	142	941650	52.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	310512	40.75	ng		98
40) Hexachlorocyclopentadiene	8.66	237	351030	93.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	251557	46.32	ng		97
43) 2,4,5-Trichlorophenol	8.83	196	277064	49.27	ng		96
45) 1,1'-Biphenyl	8.97	154	982491	41.36	ng		99
46) 2-Chloronaphthalene	8.99	162	858785	49.01	ng		98
47) 2-Nitroaniline	9.10	65	275759	52.20	ng		89
48) Acenaphthylene	9.40	152	1373583	48.27	ng		100
49) Dimethylphthalate	9.29	163	1003481	47.45	ng		99
50) 2,6-Dinitrotoluene	9.35	165	244488	51.87	ng	#	64
51) Acenaphthene	9.58	154	819114	48.49	ng		99
52) 3-Nitroaniline	9.51	138	177807	32.18	ng		95
53) 2,4-Dinitrophenol	9.62	184	236950	89.49	ng	#	78
54) Dibenzofuran	9.75	168	1090905	49.07	ng		95
55) 4-Nitrophenol	9.69	139	361467	95.49	ng		88
56) 2,4-Dinitrotoluene	9.75	165	283081	50.79	ng	#	81
57) Fluorene	10.09	166	787013	46.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	214240	50.89	ng		96
59) Diethylphthalate	9.99	149	942300	46.14	ng		96
60) 4-Chlorophenyl-phenylether	10.09	204	321318	42.06	ng	#	75
61) 4-Nitroaniline	10.12	138	231536	41.11	ng		97
62) Azobenzene	10.24	77	889999	41.87	ng		99
64) 4,6-Dinitro-2-methylphenol	10.15	198	139798	49.39	ng		86
65) n-Nitrosodiphenylamine	10.20	169	672491	45.25	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	223074	50.16	ng		97
67) Hexachlorobenzene	10.63	284	250134	48.26	ng		99
68) Atrazine	10.74	200	197416	48.48	ng		97
69) Pentachlorophenol	10.82	266	257298	87.46	ng		98
70) Phenanthrene	11.03	178	1072795	50.76	ng		99
71) Anthracene	11.09	178	1146352	51.71	ng		100
72) Carbazole	11.25	167	1160890	49.54	ng		99
73) Di-n-butylphthalate	11.60	149	1364594	50.08	ng	#	97
74) Fluoranthene	12.21	202	1087577	47.94	ng		99
76) Benzidine	12.34	184	910440	80.35	ng		97
77) Pyrene	12.43	202	1160165	50.08	ng		99
79) Butylbenzylphthalate	13.07	149	581818	51.35	ng		90
80) Benzo(a)anthracene	13.61	228	925187	50.80	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	224096	29.84	ng	#	97
82) Chrysene	13.65	228	780494m	43.99	ng		
83) Bis(2-ethylhexyl)phthalate	13.63	149	756260	52.15	ng		99
84) Di-n-octyl phthalate	14.24	149	1303573	52.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.10	276	921296	64.22	ng		99
87) Benzo(b)fluoranthene	14.59	252	779900m	46.67	ng		
88) Benzo(k)fluoranthene	14.63	252	836605m	53.35	ng		
89) Benzo(a)pyrene	14.89	252	771196	49.06	ng	#	96
90) Dibenzo(a,h)anthracene	16.11	278	767999	62.62	ng	#	96
91) Benzo(g,h,i)perylene	16.45	276	794899	66.21	ng		99

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

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