Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091202.D
Acq On : 16 Nov 2016 21:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 17 00:55:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	182437	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	792770	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	393983	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	615440	20.00	ng		0.00
75) Chrysene-d12	13.78	240	533432	20.00	ng		0.00
86) Perylene-d12	15.14	264	360035	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	957477	86.68	ng		0.00
7) Phenol-d6	6.28	99	1173683	78.28	ng		0.00
23) Nitrobenzene-d5	7.20	82	1119883	77.06	ng		0.00
41) 2,4,6-Tribromophenol	10.45	330	310099	87.06	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1763530	77.06	ng		0.00
78) Terphenyl-d14	12.73	244	1684037	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	245720	38.89	ng		94
3) Pyridine	2.70	79	628970	42.55	ng		96
4) n-Nitrosodimethylamine	2.67	42	224281	38.36	ng		89
6) Aniline	6.28	93	706172	39.93	ng		95
8) 2-Chlorophenol	6.41	128	566695	43.01	ng		89
9) Benzaldehyde	6.17	77	329304	39.57	ng		93
10) Phenol	6.29	94	717212	43.22	ng	#	70
11) bis(2-Chloroethyl)ether	6.36	93	553858	39.61	ng		96
12) 1,3-Dichlorobenzene	6.56	146	575630m	43.19	ng		
13) 1,4-Dichlorobenzene	6.64	146	595289	41.63	ng		95
14) 1,2-Dichlorobenzene	6.80	146	529723	40.37	ng		95
15) Benzyl Alcohol	6.78	79	450940	42.64	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	715048	35.71	ng	#	56
17) 2-Methylphenol	6.91	107	428996	41.13	ng	#	90
18) Hexachloroethane	7.13	117	219416	39.65	ng	#	88
19) n-Nitroso-di-n-propylamine	7.06	70	441587	42.50	ng	#	90
20) 3+4-Methylphenols	7.06	107	558382	44.58	ng		91
22) Acetophenone	7.05	105	767851	42.07	ng	#	94
24) Nitrobenzene	7.22	77	678280	42.26	ng		98
25) Isophorone	7.46	82	1098678	39.23	ng		99
26) 2-Nitrophenol	7.54	139	303402	44.67	ng	#	68
27) 2,4-Dimethylphenol	7.58	122	446188	39.72	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	636083	41.58	ng		99
29) 2,4-Dichlorophenol	7.78	162	413603	42.19	ng		94
30) 1,2,4-Trichlorobenzene	7.86	180	489550	44.41	ng		98
31) Naphthalene	7.94	128	1582171	41.73	ng		100
32) Benzoic acid	7.76	122	297181	35.40	ng		94
33) 4-Chloroaniline	8.00	127	698892	44.32	ng		98
34) Hexachlorobutadiene	8.05	225	266654	44.82	ng		98
35) Caprolactam	8.38	113	122934	39.91	ng	#	87
36) 4-Chloro-3-methylphenol	8.50	107	475046	40.03	ng		91
37) 2-Methylnaphthalene	8.62	142	937134	38.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	469941	46.78	ng		97
40) Hexachlorocyclopentadiene	8.78	237	105490	31.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	279740	43.14	ng		100
43) 2,4,5-Trichlorophenol	8.96	196	297750	43.73	ng	#	92
45) 1,1'-Biphenyl	9.09	154	1185122	41.20	ng		97
46) 2-Chloronaphthalene	9.12	162	937916	42.94	ng		97
47) 2-Nitroaniline	9.22	65	275142	33.94	ng		98
48) Acenaphthylene	9.53	152	1417527	41.64	ng		100
49) Dimethylphthalate	9.40	163	1012060	39.17	ng		100
50) 2,6-Dinitrotoluene	9.47	165	260987	47.14	ng	#	55
51) Acenaphthene	9.70	154	867227	40.58	ng		99
52) 3-Nitroaniline	9.64	138	262196	39.94	ng	#	69
53) 2,4-Dinitrophenol	9.76	184	77059	29.81	ng		93
54) Dibenzofuran	9.87	168	1175840	40.88	ng		94
55) 4-Nitrophenol	9.81	139	119104	31.02	ng		97
56) 2,4-Dinitrotoluene	9.87	165	284184	40.34	ng	#	88
57) Fluorene	10.21	166	1009122	42.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	242603m	45.48	ng		
59) Diethylphthalate	10.10	149	993649	37.51	ng		100
60) 4-Chlorophenyl-phenylether	10.20	204	438558	40.98	ng	#	78
61) 4-Nitroaniline	10.25	138	257731	38.80	ng		97
62) Azobenzene	10.36	77	1022610	32.80	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	153140	40.64	ng		77
65) n-Nitrosodiphenylamine	10.33	169	785862	40.17	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	302037	47.18	ng	#	81
67) Hexachlorobenzene	10.76	284	369621	52.35	ng	#	80
68) Atrazine	10.86	200	230472	40.84	ng		99
69) Pentachlorophenol	10.96	266	114599	36.65	ng		99
70) Phenanthrene	11.16	178	1393847	42.60	ng		99
71) Anthracene	11.22	178	1395420	40.12	ng		100
72) Carbazole	11.38	167	1209291	38.58	ng		99
73) Di-n-butylphthalate	11.72	149	1692299	42.93	ng		99
74) Fluoranthene	12.35	202	1372133	40.44	ng		95
76) Benzidine	12.49	184	498848	41.86	ng		99
77) Pyrene	12.58	202	1523810	43.62	ng		99
79) Butylbenzylphthalate	13.21	149	654166	39.15	ng		91
80) Benzo(a)anthracene	13.77	228	1288513	42.54	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	430887	40.50	ng	#	97
82) Chrysene	13.80	228	1062323	35.57	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	904801	40.01	ng	#	92
84) Di-n-octyl phthalate	14.39	149	1640621	44.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	881888	35.59	ng		97
87) Benzo(b)fluoranthene	14.77	252	1071288m	43.87	ng		
88) Benzo(k)fluoranthene	14.80	252	949029m	44.31	ng		
89) Benzo(a)pyrene	15.09	252	911895	42.90	ng		99
90) Dibenzo(a,h)anthracene	16.42	278	756705	41.18	ng		99
91) Benzo(g,h,i)perylene	16.79	276	691258	41.59	ng		99

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

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