Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090067.D
Acq On : 12 Sep 2016 17:00
Operator : UM/SJ
Sample : H4744-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1AMSD

Quant Time: Sep 13 03:09:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	180759	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	682732	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	314627	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	524361	20.00	ng		-0.02
75) Chrysene-d12	13.69	240	400835	20.00	ng		-0.03
86) Perylene-d12	15.03	264	325650	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1384998	122.64	ng		-0.01
7) Phenol-d6	6.24	99	1577369	114.95	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1034184	87.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	367307	118.33	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	1689700	88.16	ng		-0.02
78) Terphenyl-d14	12.66	244	1285494	79.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	176390	32.97	ng	#	93
3) Pyridine	2.65	79	517055	36.22	ng		99
4) n-Nitrosodimethylamine	2.60	42	281215	39.95	ng		93
6) Aniline	6.26	93	565226	30.19	ng	#	76
8) 2-Chlorophenol	6.36	128	536189	43.76	ng		95
9) Benzaldehyde	6.11	77	67573	7.63	ng		92
10) Phenol	6.25	94	640339	40.13	ng		81
11) bis(2-Chloroethyl)ether	6.33	93	556631	46.10	ng		86
12) 1,3-Dichlorobenzene	6.51	146	561036m	41.00	ng		
13) 1,4-Dichlorobenzene	6.59	146	578412	41.31	ng		98
14) 1,2-Dichlorobenzene	6.75	146	535654	42.68	ng		96
15) Benzyl Alcohol	6.73	79	379308	44.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	942493	40.94	ng		93
17) 2-Methylphenol	6.86	107	400035	40.89	ng		98
18) Hexachloroethane	7.08	117	170417	35.54	ng	#	87
19) n-Nitroso-di-n-propylamine	7.02	70	377309	42.20	ng		97
20) 3+4-Methylphenols	7.02	107	505126	42.59	ng	#	72
22) Acetophenone	7.00	105	682878	44.59	ng	#	90
24) Nitrobenzene	7.16	77	500907	40.02	ng		98
25) Isophorone	7.42	82	983210	41.07	ng		98
26) 2-Nitrophenol	7.48	139	260189	43.49	ng		97
27) 2,4-Dimethylphenol	7.54	122	450052	40.67	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	606177	41.98	ng		99
29) 2,4-Dichlorophenol	7.74	162	466329	47.00	ng		94
30) 1,2,4-Trichlorobenzene	7.82	180	492833	45.44	ng		99
31) Naphthalene	7.88	128	1378629	40.53	ng		100
32) Benzoic acid	7.61	122	11701m	1.57	ng		
33) 4-Chloroaniline	7.95	127	431477	31.44	ng		96
34) Hexachlorobutadiene	8.01	225	261776	41.18	ng		99
35) Caprolactam	8.32	113	139797	44.64	ng	#	84
36) 4-Chloro-3-methylphenol	8.44	107	466659	44.41	ng		92
37) 2-Methylnaphthalene	8.58	142	1012645	45.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	373786	40.55	ng		99
40) Hexachlorocyclopentadiene	8.73	237	119351	25.25	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	281649	44.09	ng		95
43) 2,4,5-Trichlorophenol	8.90	196	302345	49.22	ng		95
45) 1,1'-Biphenyl	9.04	154	988189	39.01	ng		99
46) 2-Chloronaphthalene	9.06	162	847316	47.28	ng		98
47) 2-Nitroaniline	9.16	65	293220	50.05	ng		88
48) Acenaphthylene	9.47	152	1317936	44.48	ng		100
49) Dimethylphthalate	9.36	163	1497819	65.87	ng		98
50) 2,6-Dinitrotoluene	9.42	165	221191	43.73	ng	#	62
51) Acenaphthene	9.64	154	816240	43.48	ng		99
52) 3-Nitroaniline	9.58	138	244251	42.34	ng		84
53) 2,4-Dinitrophenol	9.68	184	12913	8.81	ng	#	74
54) Dibenzofuran	9.82	168	1191717	47.37	ng		99
55) 4-Nitrophenol	9.76	139	295795	67.98	ng		94
56) 2,4-Dinitrotoluene	9.80	165	246457	38.43	ng	#	78
57) Fluorene	10.16	166	867830	47.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	254670	48.43	ng	#	92
59) Diethylphthalate	10.04	149	950975	44.45	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	400174	46.26	ng		98
61) 4-Nitroaniline	10.18	138	237393	41.88	ng		92
62) Azobenzene	10.31	77	875692	40.98	ng		99
64) 4,6-Dinitro-2-methylphenol	10.22	198	23181	6.91	ng	#	74
65) n-Nitrosodiphenylamine	10.27	169	734822	46.61	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	266823	50.55	ng		99
67) Hexachlorobenzene	10.70	284	253950	42.12	ng		96
68) Atrazine	10.81	200	249606	47.43	ng		93
69) Pentachlorophenol	10.89	266	258187	79.59	ng		98
70) Phenanthrene	11.11	178	1260206	48.26	ng		98
71) Anthracene	11.15	178	1211350	45.74	ng		99
72) Carbazole	11.31	167	1071603	43.15	ng		100
73) Di-n-butylphthalate	11.67	149	1295293	44.75	ng	#	97
74) Fluoranthene	12.29	202	1309623	47.86	ng		97
76) Benzidine	12.41	184	610672	40.22	ng		96
77) Pyrene	12.50	202	1229364	43.50	ng		99
79) Butylbenzylphthalate	13.14	149	527356	46.27	ng		95
80) Benzo(a)anthracene	13.69	228	1124434	45.80	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	403794	45.57	ng		98
82) Chrysene	13.73	228	1137840	49.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	730278	46.33	ng		100
84) Di-n-octyl phthalate	14.32	149	1248882	49.08	ng		99
85) Indeno(1,2,3-cd)pyrene	16.24	276	789651	46.58	ng		99
87) Benzo(b)fluoranthene	14.67	252	857906m	42.05	ng		
88) Benzo(k)fluoranthene	14.70	252	885379m	51.14	ng		
89) Benzo(a)pyrene	14.98	252	863727	49.42	ng	#	99
90) Dibenzo(a,h)anthracene	16.25	278	654240	51.09	ng		98
91) Benzo(g,h,i)perylene	16.59	276	644460	49.99	ng		98

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

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