Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091939.D
Acq On : 23 Dec 2016 22:16
Operator : UM/SJ
Sample : H6226-07MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-01-122116MSD

Quant Time: Dec 23 23:17:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	198816	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	837163	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	405799	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	581787	20.00	ng		0.00
75) Chrysene-d12	13.89	240	371943	20.00	ng		-0.01
86) Perylene-d12	15.29	264	374915	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1646427	138.27	ng		0.05
7) Phenol-d6	6.44	99	2075851	142.79	ng		0.03
23) Nitrobenzene-d5	7.32	82	1567951	104.15	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	486284	144.80	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2343285	124.28	ng		-0.01
78) Terphenyl-d14	12.84	244	1458782	95.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	251274	42.86	ng		96
3) Pyridine	3.02	79	1057108	51.67	ng		98
4) n-Nitrosodimethylamine	3.00	42	436247	56.53	ng		98
6) Aniline	6.42	93	207531	10.99	ng	#	53
8) 2-Chlorophenol	6.54	128	657306	48.53	ng		96
10) Phenol	6.45	94	878112	53.01	ng	#	69
11) bis(2-Chloroethyl)ether	6.49	93	734913	55.76	ng		99
12) 1,3-Dichlorobenzene	6.68	146	735252	50.85	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	767957	52.18	ng		96
14) 1,2-Dichlorobenzene	6.91	146	595667	46.65	ng		96
15) Benzyl Alcohol	6.91	79	625234	55.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1023054	52.12	ng		94
17) 2-Methylphenol	7.05	107	583970	53.61	ng		99
18) Hexachloroethane	7.25	117	278478	51.04	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	539146	55.75	ng		98
20) 3+4-Methylphenols	7.21	107	799565	61.54	ng	#	73
22) Acetophenone	7.16	105	1079566	52.28	ng	#	92
24) Nitrobenzene	7.33	77	755497	47.12	ng		98
25) Isophorone	7.58	82	1432485	51.57	ng		94
26) 2-Nitrophenol	7.65	139	425911	53.86	ng	#	88
27) 2,4-Dimethylphenol	7.71	122	590824	45.05	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	941474	55.90	ng		99
29) 2,4-Dichlorophenol	7.92	162	582056	52.41	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	597908	49.13	ng	#	95
31) Naphthalene	8.05	128	2017636	52.66	ng		99
32) Benzoic acid	7.88	122	440069	45.24	ng		90
33) 4-Chloroaniline	8.13	127	109401	6.33	ng		98
34) Hexachlorobutadiene	8.17	225	330301	51.42	ng		100
35) Caprolactam	8.50	113	170273	46.66	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	580053	45.39	ng		98
37) 2-Methylnaphthalene	8.74	142	1235443	60.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	556723	54.30	ng		98
40) Hexachlorocyclopentadiene	8.90	237	309790	68.45	ng		98
42) 2,4,6-Trichlorophenol	9.04	196	368613	51.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	355617	48.19	ng	#	84
45) 1,1'-Biphenyl	9.21	154	1446231	52.05	ng		98
46) 2-Chloronaphthalene	9.23	162	1098092	49.90	ng		94
47) 2-Nitroaniline	9.33	65	325697	41.57	ng		95
48) Acenaphthylene	9.64	152	1559517	46.08	ng		99
49) Dimethylphthalate	9.52	163	1361182	52.45	ng		99
50) 2,6-Dinitrotoluene	9.58	165	304350	53.58	ng	#	71
51) Acenaphthene	9.81	154	1031511	44.96	ng		99
52) 3-Nitroaniline	9.74	138	95126	13.53	ng		98
53) 2,4-Dinitrophenol	9.86	184	223619	70.75	ng	#	81
54) Dibenzofuran	9.98	168	1364381	44.04	ng		96
55) 4-Nitrophenol	9.95	139	400297m	83.86	ng		
56) 2,4-Dinitrotoluene	9.98	165	405257	56.84	ng		95
57) Fluorene	10.33	166	1074565	47.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	290530	49.78	ng		99
59) Diethylphthalate	10.21	149	1351311	53.61	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	529669	53.66	ng	#	78
61) 4-Nitroaniline	10.36	138	198853	27.30	ng		97
62) Azobenzene	10.48	77	1394901	50.26	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	148846	42.31	ng	#	33
65) n-Nitrosodiphenylamine	10.44	169	978384	56.67	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	335271	55.40	ng		95
67) Hexachlorobenzene	10.88	284	353060	54.58	ng		95
68) Atrazine	10.98	200	194924	35.00	ng		95
69) Pentachlorophenol	11.08	266	331533	104.45	ng		100
70) Phenanthrene	11.29	178	1683587	53.37	ng		99
71) Anthracene	11.33	178	1486187	59.82	ng		100
72) Carbazole	11.50	167	1447180	Below Cal			97
73) Di-n-butylphthalate	11.82	149	1804555	61.91	ng		99
74) Fluoranthene	12.47	202	1324414	48.12	ng		98
76) Benzidine	12.59	184	114136	8.61	ng		97
77) Pyrene	12.69	202	1305891	47.85	ng		100
79) Butylbenzylphthalate	13.32	149	696680	56.13	ng		87
80) Benzo(a)anthracene	13.88	228	1025430	48.84	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	192036	24.12	ng	#	96
82) Chrysene	13.92	228	1014322	48.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	837221	57.28	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1440581	53.20	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1053089	57.72	ng		98
87) Benzo(b)fluoranthene	14.90	252	1247511m	53.44	ng		
88) Benzo(k)fluoranthene	14.92	252	953713m	47.91	ng		
89) Benzo(a)pyrene	15.23	252	1048783	50.62	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	879783	51.67	ng		98
91) Benzo(g,h,i)perylene	17.03	276	852449	48.14	ng		98

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

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