Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096480.D
Acq On : 5 Jul 2017 13:31
Operator : SJ/MA
Sample : I3975-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B8-12-14MSD

Quant Time: Jul 05 16:50:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113122	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	527517	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	210288	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	351399	20.00	ng		0.00
75) Chrysene-d12	13.87	240	200702	20.00	ng		0.00
86) Perylene-d12	15.27	264	197038	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	910304	118.77	ng		0.01
7) Phenol-d6	6.36	99	1109820	117.79	ng		0.00
23) Nitrobenzene-d5	7.28	82	636215	72.47	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	208024	126.64	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1042881	84.79	ng		0.00
78) Terphenyl-d14	12.82	244	695152	74.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	129999	35.77	ng	#	76
3) Pyridine	3.12	79	318881	31.98	ng	#	63
4) n-Nitrosodimethylamine	3.06	42	195110	39.64	ng		79
6) Aniline	6.37	93	367529	30.18	ng	#	16
8) 2-Chlorophenol	6.50	128	339146	41.50	ng		100
9) Benzaldehyde	6.26	77	152585	25.88	ng		98
10) Phenol	6.37	94	427551	39.83	ng		79
11) bis(2-Chloroethyl)ether	6.45	93	325117	39.19	ng		92
12) 1,3-Dichlorobenzene	6.66	146	354049	41.31	ng		98
13) 1,4-Dichlorobenzene	6.73	146	359548	41.98	ng		97
14) 1,2-Dichlorobenzene	6.89	146	361300	45.94	ng		97
15) Benzyl Alcohol	6.86	79	309963	49.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	778089	46.14	ng		91
17) 2-Methylphenol	6.97	107	304040	46.68	ng		97
18) Hexachloroethane	7.23	117	117423	37.81	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	246428	43.90	ng	#	84
20) 3+4-Methylphenols	7.13	107	354635	48.81	ng		97
22) Acetophenone	7.12	105	482370	41.85	ng		96
24) Nitrobenzene	7.30	77	333492	36.21	ng		88
25) Isophorone	7.54	82	608819	35.77	ng		95
26) 2-Nitrophenol	7.62	139	194038	39.81	ng		94
27) 2,4-Dimethylphenol	7.66	122	346036	41.69	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	472075	42.01	ng		100
29) 2,4-Dichlorophenol	7.86	162	311541	43.51	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	282456	41.81	ng		97
31) Naphthalene	8.02	128	1007021	40.44	ng		99
32) Benzoic acid	7.76	122	108756	15.60	ng		97
33) 4-Chloroaniline	8.06	127	239226	23.13	ng		97
34) Hexachlorobutadiene	8.15	225	145490	41.99	ng		98
35) Caprolactam	8.43	113	93200m	37.74	ng		
36) 4-Chloro-3-methylphenol	8.56	107	295874	37.34	ng		90
37) 2-Methylnaphthalene	8.71	142	643706	40.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	225591	41.32	ng		99
40) Hexachlorocyclopentadiene	8.87	237	114679	43.19	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	174899	40.49	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	182552	42.74	ng		99
45) 1,1'-Biphenyl	9.17	154	707729	39.28	ng		96
46) 2-Chloronaphthalene	9.20	162	557834	41.54	ng		94
47) 2-Nitroaniline	9.29	65	199437	40.82	ng		92
48) Acenaphthylene	9.62	152	879828	41.35	ng		98
49) Dimethylphthalate	9.49	163	1211210	77.16	ng		99
50) 2,6-Dinitrotoluene	9.54	165	146359	42.16	ng	#	87
51) Acenaphthene	9.79	154	527716	40.24	ng		99
52) 3-Nitroaniline	9.70	138	134098	30.97	ng		84
53) 2,4-Dinitrophenol	9.81	184	53029	28.76	ng	#	70
54) Dibenzofuran	9.96	168	765547	44.21	ng		98
55) 4-Nitrophenol	9.87	139	257868	71.85	ng	#	64
56) 2,4-Dinitrotoluene	9.94	165	192794	43.86	ng	#	78
57) Fluorene	10.30	166	565215	46.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	135351	45.81	ng	#	97
59) Diethylphthalate	10.18	149	634275	42.75	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	238429	44.81	ng		96
61) 4-Nitroaniline	10.32	138	162527	41.28	ng		91
62) Azobenzene	10.45	77	635236	44.27	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	55272	22.81	ng		83
65) n-Nitrosodiphenylamine	10.41	169	549758	44.59	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	147859	43.22	ng		97
67) Hexachlorobenzene	10.85	284	149421	39.90	ng	#	89
68) Atrazine	10.94	200	151153	42.91	ng		95
69) Pentachlorophenol	11.04	266	148881	67.08	ng		97
70) Phenanthrene	11.26	178	792213	41.70	ng		99
71) Anthracene	11.31	178	820852	42.41	ng		99
72) Carbazole	11.46	167	725701	37.28	ng		99
73) Di-n-butylphthalate	11.80	149	917297	38.90	ng		98
74) Fluoranthene	12.44	202	670774	36.02	ng		100
76) Benzidine	12.56	184	341056	35.41	ng	#	93
77) Pyrene	12.67	202	684278	42.48	ng		100
79) Butylbenzylphthalate	13.29	149	340383	41.74	ng	#	81
80) Benzo(a)anthracene	13.85	228	501610	43.16	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	185225	38.80	ng	#	95
82) Chrysene	13.89	228	500076	41.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	407460	44.76	ng		99
84) Di-n-octyl phthalate	14.47	149	752394	41.97	ng		95
85) Indeno(1,2,3-cd)pyrene	16.63	276	434639	45.24	ng		99
87) Benzo(b)fluoranthene	14.87	252	487080	39.45	ng		99
88) Benzo(k)fluoranthene	14.90	252	473627m	42.89	ng		
89) Benzo(a)pyrene	15.22	252	461321	41.85	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	361549	41.69	ng		96
91) Benzo(g,h,i)perylene	17.04	276	354182	39.42	ng		99

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

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