Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096479.D
Acq On : 5 Jul 2017 13:03
Operator : SJ/MA
Sample : I3975-14MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B8-12-14MS

Quant Time: Jul 05 16:46:34 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	114456	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	510500	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	211612	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	319508	20.00	ng		0.00
75) Chrysene-d12	13.86	240	197460	20.00	ng		0.00
86) Perylene-d12	15.27	264	195845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	924643	119.24	ng		0.01
7) Phenol-d6	6.36	99	1135044	119.06	ng		0.00
23) Nitrobenzene-d5	7.28	82	665654	78.35	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	208617	126.21	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1127768	91.12	ng		0.00
78) Terphenyl-d14	12.82	244	714543	77.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	120635	32.81	ng	#	78
3) Pyridine	3.11	79	320669	31.78	ng	#	67
4) n-Nitrosodimethylamine	3.05	42	186099	37.37	ng		85
6) Aniline	6.37	93	368777	29.93	ng	#	34
8) 2-Chlorophenol	6.50	128	311605	37.68	ng		100
9) Benzaldehyde	6.26	77	123222	20.65	ng		98
10) Phenol	6.37	94	405846	37.37	ng		76
11) bis(2-Chloroethyl)ether	6.45	93	298546	35.57	ng		91
12) 1,3-Dichlorobenzene	6.66	146	323973	37.36	ng		99
13) 1,4-Dichlorobenzene	6.73	146	330142	38.09	ng		97
14) 1,2-Dichlorobenzene	6.89	146	308824	38.81	ng		98
15) Benzyl Alcohol	6.86	79	260341	40.85	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	634376	37.18	ng		91
17) 2-Methylphenol	6.97	107	259499	39.38	ng		97
18) Hexachloroethane	7.23	117	112714	35.87	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	209779	36.94	ng	#	85
20) 3+4-Methylphenols	7.13	107	306777	41.73	ng		93
22) Acetophenone	7.12	105	410620	36.81	ng	#	95
24) Nitrobenzene	7.29	77	310304	34.82	ng		93
25) Isophorone	7.54	82	579146	35.16	ng		94
26) 2-Nitrophenol	7.61	139	182004	38.58	ng	#	88
27) 2,4-Dimethylphenol	7.66	122	317523	39.53	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	440372	40.50	ng		99
29) 2,4-Dichlorophenol	7.86	162	278480	40.18	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	254393	38.92	ng		97
31) Naphthalene	8.02	128	986110	40.92	ng		99
32) Benzoic acid	7.75	122	73889	10.95	ng		97
33) 4-Chloroaniline	8.06	127	312313	31.20	ng		98
34) Hexachlorobutadiene	8.15	225	137037	40.87	ng		99
35) Caprolactam	8.43	113	96735m	40.48	ng		
36) 4-Chloro-3-methylphenol	8.56	107	276646	36.08	ng		89
37) 2-Methylnaphthalene	8.71	142	614981	40.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	214160	38.98	ng		98
40) Hexachlorocyclopentadiene	8.87	237	113089	42.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	177925	40.93	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	187278	43.58	ng		97
45) 1,1'-Biphenyl	9.17	154	676371	37.30	ng		98
46) 2-Chloronaphthalene	9.20	162	527514	39.04	ng		94
47) 2-Nitroaniline	9.29	65	204447	41.58	ng		92
48) Acenaphthylene	9.62	152	825127	38.54	ng		99
49) Dimethylphthalate	9.48	163	1181013	74.76	ng		99
50) 2,6-Dinitrotoluene	9.54	165	138722	39.71	ng	#	91
51) Acenaphthene	9.79	154	500918	37.96	ng		99
52) 3-Nitroaniline	9.70	138	149476	34.31	ng		83
53) 2,4-Dinitrophenol	9.81	184	41168	22.19	ng	#	74
54) Dibenzofuran	9.96	168	767221	44.03	ng		98
55) 4-Nitrophenol	9.87	139	265151	73.42	ng	#	67
56) 2,4-Dinitrotoluene	9.94	165	186595	42.18	ng	#	83
57) Fluorene	10.30	166	545681	44.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	134729	45.31	ng	#	99
59) Diethylphthalate	10.18	149	645081	43.20	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	232350	43.40	ng		96
61) 4-Nitroaniline	10.32	138	165955	41.89	ng		90
62) Azobenzene	10.45	77	530740	36.76	ng		92
64) 4,6-Dinitro-2-methylphenol	10.35	198	47300	21.47	ng	#	76
65) n-Nitrosodiphenylamine	10.41	169	480478	42.86	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	134175	43.14	ng		97
67) Hexachlorobenzene	10.85	284	137806	40.47	ng	#	89
68) Atrazine	10.94	200	138565	43.26	ng		94
69) Pentachlorophenol	11.04	266	133408	66.11	ng		99
70) Phenanthrene	11.26	178	701884	40.64	ng		98
71) Anthracene	11.31	178	714305	40.58	ng		98
72) Carbazole	11.46	167	677763	38.29	ng		99
73) Di-n-butylphthalate	11.80	149	849430	39.62	ng		98
74) Fluoranthene	12.44	202	623825	36.84	ng		99
76) Benzidine	12.56	184	333305	35.18	ng	#	92
77) Pyrene	12.67	202	628215	39.64	ng		99
79) Butylbenzylphthalate	13.29	149	310343	38.68	ng	#	83
80) Benzo(a)anthracene	13.85	228	472953	41.36	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	174558	37.17	ng	#	97
82) Chrysene	13.89	228	464498	38.79	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	376274	42.01	ng		99
84) Di-n-octyl phthalate	14.47	149	687042	38.96	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.63	276	414140	43.82	ng		98
87) Benzo(b)fluoranthene	14.87	252	452853	36.90	ng		98
88) Benzo(k)fluoranthene	14.90	252	433254	39.47	ng	#	95
89) Benzo(a)pyrene	15.22	252	427631	39.03	ng		100
90) Dibenzo(a,h)anthracene	16.65	278	347490	40.32	ng		97
91) Benzo(g,h,i)perylene	17.04	276	343512	38.46	ng		97

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

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