Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090318.D
Acq On : 30 Sep 2016 17:35
Operator : UM/SJ
Sample : H5025-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-4MS

Quant Time: Sep 30 18:55:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 16:07:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	136291m	20.00	ng		0.00
21) Naphthalene-d8	7.75	136	540429m	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	284858	20.00	ng		0.00
63) Phenanthrene-d10	10.95	188	385613	20.00	ng		0.00
75) Chrysene-d12	13.57	240	267715	20.00	ng		0.00
86) Perylene-d12	14.88	264	254280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	865726	103.54	ng		0.02
7) Phenol-d6	6.12	99	1169162	113.22	ng		0.01
23) Nitrobenzene-d5	7.03	82	657869	70.57	ng		0.00
41) 2,4,6-Tribromophenol	10.27	330	246011	100.67	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	956315	65.91	ng		0.00
78) Terphenyl-d14	12.54	244	697406	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	125176	27.59	ng	#	92
3) Pyridine	2.44	79	366961	37.30	ng		98
4) n-Nitrosodimethylamine	2.41	42	115062	39.19	ng		95
6) Aniline	6.11	93	303037m	23.54	ng		
8) 2-Chlorophenol	6.24	128	368575	38.31	ng		87
9) Benzaldehyde	5.99	77	168112	37.36	ng		93
10) Phenol	6.14	94	532137m	43.59	ng		
11) bis(2-Chloroethyl)ether	6.20	93	381576	40.08	ng		92
12) 1,3-Dichlorobenzene	6.39	146	370110m	36.82	ng		
13) 1,4-Dichlorobenzene	6.47	146	372112m	36.26	ng		
14) 1,2-Dichlorobenzene	6.63	146	331631	36.28	ng		98
15) Benzyl Alcohol	6.62	79	268877	43.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.75	45	392230	34.48	ng		79
17) 2-Methylphenol	6.74	107	283688	37.44	ng		94
18) Hexachloroethane	6.96	117	124124	33.91	ng		98
19) n-Nitroso-di-n-propylamine	6.89	70	236067	38.92	ng		94
20) 3+4-Methylphenols	6.90	107	376227	41.35	ng		95
22) Acetophenone	6.88	105	588439	45.15	ng	#	98
24) Nitrobenzene	7.05	77	418966	43.13	ng	#	89
25) Isophorone	7.29	82	693187	35.59	ng		97
26) 2-Nitrophenol	7.37	139	195649	40.90	ng	#	83
27) 2,4-Dimethylphenol	7.43	122	324928	38.23	ng		97
28) bis(2-Chloroethoxy)methane	7.52	93	476949	40.48	ng		99
29) 2,4-Dichlorophenol	7.62	162	283098	37.98	ng		99
30) 1,2,4-Trichlorobenzene	7.69	180	290970	39.08	ng		99
31) Naphthalene	7.76	128	988308	38.41	ng		99
32) Benzoic acid	7.52	122	11908	2.04	ng		94
33) 4-Chloroaniline	7.83	127	175875	16.48	ng		97
34) Hexachlorobutadiene	7.88	225	145765	37.11	ng		99
35) Caprolactam	8.20	113	94044	38.12	ng		98
36) 4-Chloro-3-methylphenol	8.33	107	317641	37.70	ng		96
37) 2-Methylnaphthalene	8.46	142	653739	40.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	249609	38.18	ng		97
40) Hexachlorocyclopentadiene	8.60	237	120937	37.48	ng		100

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42) 2,4,6-Trichlorophenol	8.74	196	178484	38.31	ng		98
43) 2,4,5-Trichlorophenol	8.79	196	192678	39.94	ng		98
45) 1,1'-Biphenyl	8.92	154	763471	37.46	ng		95
46) 2-Chloronaphthalene	8.94	162	534641	35.56	ng		98
47) 2-Nitroaniline	9.04	65	167543	36.96	ng	#	79
48) Acenaphthylene	9.35	152	871710	35.70	ng		100
49) Dimethylphthalate	9.23	163	1168663	64.41	ng		98
50) 2,6-Dinitrotoluene	9.29	165	135941	33.62	ng		97
51) Acenaphthene	9.52	154	526114	36.30	ng		99
52) 3-Nitroaniline	9.45	138	105636	22.28	ng		90
53) 2,4-Dinitrophenol	9.56	184	38896	19.67	ng		99
54) Dibenzofuran	9.69	168	751412	39.40	ng		96
55) 4-Nitrophenol	9.64	139	223905	68.94	ng		93
56) 2,4-Dinitrotoluene	9.69	165	166964	34.92	ng		99
57) Fluorene	10.03	166	565414	39.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	143271	39.67	ng		97
59) Diethylphthalate	9.93	149	666417	38.03	ng		99
60) 4-Chlorophenyl-phenylether	10.03	204	250441	38.21	ng	#	82
61) 4-Nitroaniline	10.07	138	154697	32.01	ng		97
62) Azobenzene	10.18	77	691670	37.92	ng		97
64) 4,6-Dinitro-2-methylphenol	10.10	198	60227	24.94	ng		90
65) n-Nitrosodiphenylamine	10.15	169	495113	39.05	ng		99
66) 4-Bromophenyl-phenylether	10.51	248	157441	41.49	ng	#	92
67) Hexachlorobenzene	10.57	284	162523	36.75	ng	#	91
68) Atrazine	10.68	200	135342	38.95	ng		97
69) Pentachlorophenol	10.78	266	179977	71.70	ng		98
70) Phenanthrene	10.98	178	758560	42.06	ng		98
71) Anthracene	11.03	178	764533	40.42	ng		100
72) Carbazole	11.19	167	716986	35.86	ng		99
73) Di-n-butylphthalate	11.54	149	979653	42.13	ng		98
74) Fluoranthene	12.15	202	661845	34.19	ng		99
76) Benzidine	12.30	184	53401	5.96	ng	#	88
77) Pyrene	12.38	202	700824	38.26	ng		98
79) Butylbenzylphthalate	13.02	149	316224	35.29	ng	#	81
80) Benzo(a)anthracene	13.55	228	537623	37.33	ng		100
81) 3,3'-Dichlorobenzidine	13.53	252	127216	21.42	ng		99
82) Chrysene	13.59	228	396751	28.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.59	149	441013	38.46	ng	#	99
84) Di-n-octyl phthalate	14.19	149	781463	39.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.02	276	518138	45.67	ng		95
87) Benzo(b)fluoranthene	14.55	252	590551m	41.94	ng		
88) Benzo(k)fluoranthene	14.57	252	438008m	33.15	ng		
89) Benzo(a)pyrene	14.83	252	501374	37.85	ng	#	97
90) Dibenzo(a,h)anthracene	16.03	278	437111	42.29	ng		97
91) Benzo(g,h,i)perylene	16.35	276	418254	41.34	ng		95

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

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