Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (QT Reviewed)

Data File : BF095830.D
Acq On : 9 Jun 2017 19:53
Operator : SJ/MA
Sample : I3566-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP(0-10)MS

Quant Time: Jun 12 06:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	61384	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	254164	20.00	ng		-0.04
38) Acenaphthene-d10	12.23	164	116321	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	210047	20.00	ng		-0.03
75) Chrysene-d12	18.34	240	158100	20.00	ng		-0.02
86) Perylene-d12	20.00	264	114103	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	626162	162.54	ng		-0.01
7) Phenol-d6	6.94	99	759401	164.66	ng		-0.02
23) Nitrobenzene-d5	8.29	82	444992	108.73	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	163219	158.59	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	846250	101.24	ng		-0.03
78) Terphenyl-d14	16.99	244	711738	111.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	76636	41.82	ng		93
3) Pyridine	2.30	79	203865	47.33	ng		94
4) n-Nitrosodimethylamine	2.27	42	85418	52.16	ng		81
6) Aniline	6.87	93	250546	41.53	ng		94
8) 2-Chlorophenol	7.05	128	226045	55.19	ng		96
9) Benzaldehyde	6.68	77	86854	27.92	ng		97
10) Phenol	6.96	94	284691	59.51	ng		87
11) bis(2-Chloroethyl)ether	7.02	93	196456	51.84	ng		97
12) 1,3-Dichlorobenzene	7.27	146	233886	50.45	ng		99
13) 1,4-Dichlorobenzene	7.39	146	240172	51.08	ng		96
14) 1,2-Dichlorobenzene	7.63	146	228791	52.79	ng		97
15) Benzyl Alcohol	7.67	79	182803	57.75	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.87	45	279607	52.51	ng		98
17) 2-Methylphenol	7.90	107	189368	55.09	ng		94
18) Hexachloroethane	8.15	117	79881	51.44	ng	#	86
19) n-Nitroso-di-n-propylamine	8.10	70	155993	53.37	ng		92
20) 3+4-Methylphenols	8.16	107	244353	56.00	ng	#	58
22) Acetophenone	8.06	105	317221	53.32	ng	#	84
24) Nitrobenzene	8.32	77	222833	50.97	ng		93
25) Isophorone	8.72	82	396239	51.85	ng		96
26) 2-Nitrophenol	8.83	139	125819	54.96	ng		99
27) 2,4-Dimethylphenol	8.98	122	193303	54.41	ng		97
28) bis(2-Chloroethoxy)methane	9.10	93	257916	51.20	ng		99
29) 2,4-Dichlorophenol	9.25	162	189405	55.36	ng		99
30) 1,2,4-Trichlorobenzene	9.33	180	182868	51.36	ng		99
31) Naphthalene	9.43	128	643609	50.46	ng		99
33) 4-Chloroaniline	9.59	127	184064	36.92	ng	#	90
34) Hexachlorobutadiene	9.66	225	91449	49.71	ng		97
35) Caprolactam	10.22	113	59277m	58.22	ng		
36) 4-Chloro-3-methylphenol	10.46	107	196347	54.82	ng		88
37) 2-Methylnaphthalene	10.56	142	441250	51.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	171658	49.31	ng		99
40) Hexachlorocyclopentadiene	10.82	237	89865	82.02	ng		100
42) 2,4,6-Trichlorophenol	11.07	196	117233	52.38	ng		98

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Quant Time: Jun 12 06:40:53 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	120729	50.71	ng	#	93
45) 1,1'-Biphenyl	11.33	154	489920	51.10	ng		98
46) 2-Chloronaphthalene	11.34	162	383845	51.24	ng		96
47) 2-Nitroaniline	11.57	65	115668	52.77	ng	#	77
48) Acenaphthylene	12.00	152	610624	47.67	ng		99
49) Dimethylphthalate	11.89	163	559055	63.30	ng		99
50) 2,6-Dinitrotoluene	11.99	165	97930	50.84	ng	#	81
51) Acenaphthene	12.28	154	361820	48.91	ng		99
52) 3-Nitroaniline	12.24	138	92767	41.33	ng		92
53) 2,4-Dinitrophenol	12.47	184	40633	40.71	ng	#	65
54) Dibenzofuran	12.57	168	559923	53.78	ng		97
55) 4-Nitrophenol	12.64	139	126395	95.50	ng	#	75
56) 2,4-Dinitrotoluene	12.65	165	141747	54.48	ng	#	83
57) Fluorene	13.12	166	450015	49.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	92776	56.95	ng	#	92
59) Diethylphthalate	13.04	149	441171	51.90	ng		98
60) 4-Chlorophenyl-phenylether	13.14	204	195447	49.60	ng		92
61) 4-Nitroaniline	13.25	138	111681	53.29	ng		96
62) Azobenzene	13.40	77	409906	53.21	ng		95
64) 4,6-Dinitro-2-methylphenol	13.33	198	57291	41.50	ng	#	68
65) n-Nitrosodiphenylamine	13.36	169	389164	51.56	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	111421	51.04	ng		99
67) Hexachlorobenzene	14.02	284	111682	51.92	ng	#	91
68) Atrazine	14.29	200	112184	53.41	ng		97
69) Pentachlorophenol	14.37	266	70346	85.73	ng		97
70) Phenanthrene	14.66	178	629452	51.94	ng		98
71) Anthracene	14.74	178	652155	51.54	ng		98
72) Carbazole	15.04	167	619076	50.21	ng		97
73) Di-n-butylphthalate	15.63	149	695298	53.00	ng		98
74) Fluoranthene	16.44	202	637153	53.12	ng		98
76) Benzidine	16.66	184	278540	45.87	ng	#	92
77) Pyrene	16.74	202	647671	54.90	ng		99
79) Butylbenzylphthalate	17.66	149	293574	56.98	ng	#	87
80) Benzo(a)anthracene	18.33	228	482723	52.52	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	126536	38.72	ng	#	96
82) Chrysene	18.37	228	465335	50.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.41	149	398919	54.89	ng	#	100
84) Di-n-octyl phthalate	19.18	149	609774	50.92	ng		96
85) Indeno(1,2,3-cd)pyrene	21.17	276	372103	47.34	ng		99
87) Benzo(b)fluoranthene	19.60	252	367965	51.50	ng		97
88) Benzo(k)fluoranthene	19.63	252	367019	53.74	ng		96
89) Benzo(a)pyrene	19.94	252	339261	51.66	ng		98
90) Dibenzo(a,h)anthracene	21.17	278	309622	55.58	ng		98
91) Benzo(g,h,i)perylene	21.50	276	325999	57.40	ng		96

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

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