Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091548.D
Acq On : 13 Dec 2016 12:37
Operator : UM/SJ
Sample : PB95236BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Manual Integrations APPROVED
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12/14/2016 6:22:35 PM

Quant Time: Dec 14 00:34:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	319334	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1251511	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	639367	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	1030335	20.00	ng		0.00
75) Chrysene-d12	13.96	240	645899	20.00	ng		0.00
86) Perylene-d12	15.38	264	666161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2518526	132.87	ng		0.02
7) Phenol-d6	6.46	99	2872003	121.54	ng		0.01
23) Nitrobenzene-d5	7.38	82	2010010	89.64	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	722041	135.96	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	3340304	90.27	ng		0.00
78) Terphenyl-d14	12.92	244	2812008	98.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	351571	35.14	ng	#	85
3) Pyridine	3.17	79	1043084	39.13	ng	#	83
4) n-Nitrosodimethylamine	3.13	42	489145	42.71	ng	#	65
6) Aniline	6.48	93	653098	21.08	ng	#	1
8) 2-Chlorophenol	6.60	128	884964	41.36	ng		90
9) Benzaldehyde	6.35	77	170080	10.46	ng		97
10) Phenol	6.48	94	1208776	43.75	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	932575	44.93	ng		87
12) 1,3-Dichlorobenzene	6.75	146	922702m	39.77	ng		
13) 1,4-Dichlorobenzene	6.83	146	933389	40.79	ng		97
14) 1,2-Dichlorobenzene	6.99	146	901229m	43.70	ng		
15) Benzyl Alcohol	6.97	79	813605	43.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1388922	43.18	ng		82
17) 2-Methylphenol	7.08	107	768891	43.43	ng	#	77
18) Hexachloroethane	7.33	117	373675	41.84	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	706423	47.81	ng	#	73
20) 3+4-Methylphenols	7.24	107	948948	49.98	ng		87
22) Acetophenone	7.23	105	1308216	43.63	ng	#	96
24) Nitrobenzene	7.40	77	1103362	46.57	ng	#	86
25) Isophorone	7.64	82	1844412	46.27	ng		100
26) 2-Nitrophenol	7.72	139	516806	49.43	ng	#	66
27) 2,4-Dimethylphenol	7.77	122	920076	50.10	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	1208268	51.68	ng		97
29) 2,4-Dichlorophenol	7.96	162	735973	46.06	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	789499	43.47	ng		99
31) Naphthalene	8.12	128	2483553	42.65	ng		99
32) Benzoic acid	7.89	122	550811	42.43	ng		95
33) 4-Chloroaniline	8.17	127	234000	9.33	ng		97
34) Hexachlorobutadiene	8.25	225	454880	43.69	ng		99
35) Caprolactam	8.54	113	241460m	51.74	ng		
36) 4-Chloro-3-methylphenol	8.67	107	854416	47.68	ng		94
37) 2-Methylnaphthalene	8.82	142	1742392	46.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	638921	36.43	ng		98
40) Hexachlorocyclopentadiene	8.97	237	769528	98.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	493740	43.82	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	499160	43.11	ng	#	83
45) 1,1'-Biphenyl	9.28	154	1889235	40.80	ng		99
46) 2-Chloronaphthalene	9.30	162	1482960	41.35	ng		98
47) 2-Nitroaniline	9.40	65	567378	47.05	ng		95
48) Acenaphthylene	9.72	152	2463252	45.06	ng		99
49) Dimethylphthalate	9.58	163	1780619	43.98	ng		98
50) 2,6-Dinitrotoluene	9.64	165	420974	47.38	ng		90
51) Acenaphthene	9.89	154	1733231	45.65	ng		97
52) 3-Nitroaniline	9.80	138	179958	17.24	ng		89
53) 2,4-Dinitrophenol	9.92	184	357021	71.64	ng		90
54) Dibenzofuran	10.06	168	2182022	46.45	ng		93
55) 4-Nitrophenol	9.98	139	618240	79.61	ng		90
56) 2,4-Dinitrotoluene	10.04	165	494210	44.37	ng	#	58
57) Fluorene	10.41	166	1543998	46.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	417005	46.00	ng		91
59) Diethylphthalate	10.28	149	1745310	44.77	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	710733	42.08	ng	#	84
61) 4-Nitroaniline	10.43	138	452078	43.58	ng		88
62) Azobenzene	10.56	77	2166000	49.03	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	282905	45.38	ng	#	46
65) n-Nitrosodiphenylamine	10.51	169	1487050	48.41	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	503160	47.63	ng	#	82
67) Hexachlorobenzene	10.94	284	483287	44.00	ng	#	73
68) Atrazine	11.05	200	514813	52.12	ng		99
69) Pentachlorophenol	11.15	266	552292	89.34	ng		97
70) Phenanthrene	11.36	178	2239816	43.90	ng		98
71) Anthracene	11.41	178	2580358	46.89	ng		99
72) Carbazole	11.56	167	2089148	43.31	ng		98
73) Di-n-butylphthalate	11.90	149	2769801	49.28	ng		99
74) Fluoranthene	12.54	202	2479728	46.41	ng		98
76) Benzidine	12.66	184	660252	33.06	ng		99
77) Pyrene	12.77	202	2543037	49.63	ng		99
79) Butylbenzylphthalate	13.39	149	1063553	53.24	ng		86
80) Benzo(a)anthracene	13.95	228	1777604	47.39	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	271879	20.18	ng	#	95
82) Chrysene	14.00	228	1925733	49.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1303929	50.88	ng	#	92
84) Di-n-octyl phthalate	14.57	149	2334150	53.66	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1772129	50.18	ng		99
87) Benzo(b)fluoranthene	14.98	252	1851607m	46.63	ng		
88) Benzo(k)fluoranthene	15.00	252	1519193m	43.51	ng		
89) Benzo(a)pyrene	15.32	252	1612084	45.06	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	1446409	45.13	ng	#	94
91) Benzo(g,h,i)perylene	17.16	276	1514856	46.44	ng	#	95

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

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