Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085055.D
Acq On : 12 Feb 2016 20:24
Operator : SJ/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
2/15/2016 4:43:00 PM

Quant Time: Feb 13 00:02:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	171024	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	714552	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	326020	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	588599	20.00	ng		0.00
75) Chrysene-d12	17.18	240	397066	20.00	ng		0.00
86) Perylene-d12	18.80	264	302754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.15	112	928867	86.05	ng		-0.01
7) Phenol-d6	5.45	99	1330287	96.67	ng		0.01
23) Nitrobenzene-d5	6.72	82	1227384	97.39	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	344699	101.45	ng		0.00
44) 2-Fluorobiphenyl	9.53	172	2222836	100.21	ng		0.00
78) Terphenyl-d14	15.63	244	1927925	108.20	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	200745	42.25	ng		95
3) Pyridine	2.42	79	496950	40.48	ng		99
4) n-Nitrosodimethylamine	2.40	42	247355	39.58	ng		95
6) Aniline	5.46	93	747769	45.37	ng		96
8) 2-Chlorophenol	5.60	128	606910	48.92	ng		99
9) Benzaldehyde	5.29	77	328481	41.54	ng		95
10) Phenol	5.46	94	769124	49.39	ng		97
11) bis(2-Chloroethyl)ether	5.54	93	666937	54.37	ng		98
12) 1,3-Dichlorobenzene	5.79	146	610635	46.55	ng		99
13) 1,4-Dichlorobenzene	5.91	146	665458	50.28	ng		98
14) 1,2-Dichlorobenzene	6.11	146	614457	50.25	ng		99
15) Benzyl Alcohol	6.15	79	405357m	43.52	ng		
16) 2,2'-oxybis(1-Chloropropan	6.30	45	996742	49.31	ng		98
17) 2-Methylphenol	6.32	107	414241	43.29	ng		94
18) Hexachloroethane	6.59	117	247838	49.05	ng		99
19) n-Nitroso-di-n-propylamine	6.51	70	414794	48.19	ng		95
20) 3+4-Methylphenols	6.57	107	518538	43.22	ng		98
22) Acetophenone	6.50	105	929654	49.26	ng	#	97
24) Nitrobenzene	6.74	77	675553	49.12	ng		98
25) Isophorone	7.11	82	1112887	45.77	ng		98
26) 2-Nitrophenol	7.22	139	329005	49.12	ng		99
27) 2,4-Dimethylphenol	7.35	122	528427	45.53	ng		97
28) bis(2-Chloroethoxy)methane	7.47	93	687588	47.17	ng		99
29) 2,4-Dichlorophenol	7.63	162	482470	48.85	ng		96
30) 1,2,4-Trichlorobenzene	7.70	180	547183	48.60	ng		98
31) Naphthalene	7.82	128	1743896	48.39	ng		100
32) Benzoic acid	7.66	122	257468	36.22	ng		99
33) 4-Chloroaniline	7.96	127	664686	44.78	ng		99
34) Hexachlorobutadiene	8.01	225	308390	47.79	ng		98
35) Caprolactam	8.58	113	129439	43.91	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	547993	47.90	ng		99
37) 2-Methylnaphthalene	8.92	142	1098010	49.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	530120	50.11	ng		99
40) Hexachlorocyclopentadiene	9.16	237	199677	54.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	305027	46.31	ng		97
43) 2,4,5-Trichlorophenol	9.50	196	339064	49.64	ng		97
45) 1,1'-Biphenyl	9.69	154	1465550	50.04	ng		99
46) 2-Chloronaphthalene	9.70	162	1036648	48.12	ng		96
47) 2-Nitroaniline	9.93	65	332749	48.14	ng		97
48) Acenaphthylene	10.36	152	1660716	50.62	ng		100
49) Dimethylphthalate	10.24	163	1218452	49.12	ng		99
50) 2,6-Dinitrotoluene	10.33	165	254735	47.55	ng		96
51) Acenaphthene	10.64	154	988943	46.82	ng		100
52) 3-Nitroaniline	10.62	138	285014	46.76	ng		98
53) 2,4-Dinitrophenol	10.80	184	95486	45.39	ng		95
54) Dibenzofuran	10.92	168	1330315	50.97	ng		98
55) 4-Nitrophenol	11.03	139	192156	44.87	ng		96
56) 2,4-Dinitrotoluene	10.98	165	350642	50.36	ng		93
57) Fluorene	11.49	166	1132631	51.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	278143	52.50	ng		99
59) Diethylphthalate	11.38	149	1211391	49.52	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	545682	51.95	ng		96
61) 4-Nitroaniline	11.63	138	264298	44.81	ng		98
62) Azobenzene	11.77	77	1164447	49.67	ng		95
64) 4,6-Dinitro-2-methylphenol	11.65	198	171019	48.45	ng		89
65) n-Nitrosodiphenylamine	11.73	169	917592	49.72	ng		99
66) 4-Bromophenyl-phenylether	12.30	248	333697	51.65	ng		94
67) Hexachlorobenzene	12.37	284	358079	50.30	ng	#	84
68) Atrazine	12.64	200	269021	45.60	ng		97
69) Pentachlorophenol	12.72	266	147496	45.90	ng		97
70) Phenanthrene	13.03	178	1596880	48.58	ng		99
71) Anthracene	13.12	178	1683966	51.54	ng		99
72) Carbazole	13.43	167	1422462	50.19	ng		100
73) Di-n-butylphthalate	14.03	149	1795741	48.93	ng		100
74) Fluoranthene	14.96	202	1599187	48.81	ng		98
76) Benzidine	15.26	184	405616	37.49	ng		100
77) Pyrene	15.31	202	1612243	53.17	ng		99
79) Butylbenzylphthalate	16.45	149	690152	50.57	ng		97
80) Benzo(a)anthracene	17.17	228	1138822	46.57	ng		99
81) 3,3'-Dichlorobenzidine	17.17	252	343685	41.30	ng		98
82) Chrysene	17.21	228	1106517	46.99	ng		100
83) Bis(2-ethylhexyl)phthalate	17.27	149	912545	53.01	ng		99
84) Di-n-octyl phthalate	18.02	149	1282798	46.22	ng		100
85) Indeno(1,2,3-cd)pyrene	20.09	276	972632	51.96	ng		100
87) Benzo(b)fluoranthene	18.41	252	905399	44.39	ng	#	99
88) Benzo(k)fluoranthene	18.43	252	819820m	49.14	ng		
89) Benzo(a)pyrene	18.74	252	821608	47.68	ng		98
90) Dibenzo(a,h)anthracene	20.11	278	798579	53.70	ng		97
91) Benzo(g,h,i)perylene	20.48	276	824032	55.01	ng		99

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

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