Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085542.D
Acq On : 18 Mar 2016 19:41
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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3/21/2016 5:07:36 PM

Quant Time: Mar 18 23:12:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:01:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	155784	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	630964	20.00	ng		0.01
38) Acenaphthene-d10	9.90	164	287083	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	563824	20.00	ng		0.00
75) Chrysene-d12	14.03	240	403713	20.00	ng		0.01
86) Perylene-d12	15.44	264	326253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	970315	104.15	ng		0.00
7) Phenol-d6	6.49	99	1352290	113.47	ng		0.00
23) Nitrobenzene-d5	7.43	82	1119854	103.05	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	338892	129.25	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1732493	102.01	ng		0.00
78) Terphenyl-d14	12.97	244	2072203	118.43	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	258625	56.61	ng		100
3) Pyridine	3.18	79	713473	65.82	ng		99
4) n-Nitrosodimethylamine	3.14	42	279737	56.91	ng		98
6) Aniline	6.53	93	888555	54.82	ng		98
8) 2-Chlorophenol	6.64	128	565317	52.32	ng		91
9) Benzaldehyde	6.40	77	288274	43.40	ng		98
10) Phenol	6.52	94	794006	58.05	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	539729	52.36	ng		96
12) 1,3-Dichlorobenzene	6.80	146	670285m	56.85	ng		
13) 1,4-Dichlorobenzene	6.88	146	655558m	55.14	ng		
14) 1,2-Dichlorobenzene	7.03	146	554685	52.48	ng		97
15) Benzyl Alcohol	7.01	79	431097	51.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	763050	54.96	ng		96
17) 2-Methylphenol	7.12	107	510108	57.52	ng		100
18) Hexachloroethane	7.37	117	245436	56.50	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	399962	55.39	ng		97
20) 3+4-Methylphenols	7.28	107	557814	57.25	ng		95
22) Acetophenone	7.28	105	792463	51.12	ng		95
24) Nitrobenzene	7.45	77	721032	60.47	ng		90
25) Isophorone	7.69	82	1244552	57.13	ng		97
26) 2-Nitrophenol	7.76	139	320711	54.84	ng		91
27) 2,4-Dimethylphenol	7.81	122	600038	58.65	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	644949	49.34	ng		99
29) 2,4-Dichlorophenol	8.00	162	473117	55.91	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	536628	55.76	ng		94
31) Naphthalene	8.17	128	1725293	55.99	ng		99
32) Benzoic acid	7.97	122	535305	84.61	ng		99
33) 4-Chloroaniline	8.22	127	684496	51.07	ng	#	95
34) Hexachlorobutadiene	8.29	225	287320	56.93	ng		99
35) Caprolactam	8.62	113	172232	62.23	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	597452	60.94	ng		93
37) 2-Methylnaphthalene	8.86	142	1000287	49.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	518737	59.77	ng		99
40) Hexachlorocyclopentadiene	9.01	237	259116	61.78	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	338138	57.64	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	347704	58.62	ng	#	90
45) 1,1'-Biphenyl	9.33	154	1356458	58.00	ng		95
46) 2-Chloronaphthalene	9.35	162	1010238	57.08	ng		96
47) 2-Nitroaniline	9.44	65	299344	55.35	ng		95
48) Acenaphthylene	9.76	152	1480257	51.36	ng		99
49) Dimethylphthalate	9.64	163	1304432	62.61	ng		99
50) 2,6-Dinitrotoluene	9.69	165	295868	66.30	ng	#	83
51) Acenaphthene	9.93	154	975205	54.35	ng		99
52) 3-Nitroaniline	9.86	138	379571	70.07	ng		87
53) 2,4-Dinitrophenol	9.97	184	197078	91.86	ng	#	75
54) Dibenzofuran	10.10	168	1152495	51.87	ng		96
55) 4-Nitrophenol	10.02	139	292449	74.55	ng		96
56) 2,4-Dinitrotoluene	10.09	165	323058	55.39	ng	#	64
57) Fluorene	10.45	166	925218	51.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	257851	63.30	ng		94
59) Diethylphthalate	10.32	149	1176157	57.18	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	479392	53.73	ng		98
61) 4-Nitroaniline	10.48	138	340178	64.47	ng		95
62) Azobenzene	10.60	77	1128039	55.93	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	203645	61.14	ng		86
65) n-Nitrosodiphenylamine	10.56	169	869985	49.25	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	299724	52.11	ng		94
67) Hexachlorobenzene	11.00	284	328821	54.92	ng	#	90
68) Atrazine	11.09	200	229149	44.34	ng		98
69) Pentachlorophenol	11.19	266	227505	71.26	ng		99
70) Phenanthrene	11.41	178	1442020	48.22	ng		99
71) Anthracene	11.46	178	1748903	58.75	ng		99
72) Carbazole	11.61	167	1308147	50.32	ng		99
73) Di-n-butylphthalate	11.95	149	1682123	52.32	ng		99
74) Fluoranthene	12.60	202	1722616	60.95	ng		94
76) Benzidine	12.71	184	695225	53.97	ng		98
77) Pyrene	12.83	202	1700666	55.68	ng		98
79) Butylbenzylphthalate	13.44	149	843814	63.23	ng		91
80) Benzo(a)anthracene	14.01	228	1365942	58.76	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	513516	65.17	ng	#	95
82) Chrysene	14.05	228	1259154	57.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	957689	58.77	ng	#	92
84) Di-n-octyl phthalate	14.61	149	1546958	63.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1019911	53.03	ng		100
87) Benzo(b)fluoranthene	15.04	252	1354090m	63.35	ng		
88) Benzo(k)fluoranthene	15.07	252	902892m	52.72	ng		
89) Benzo(a)pyrene	15.39	252	1050737	56.95	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	852944	49.02	ng		97
91) Benzo(g,h,i)perylene	17.27	276	831177	47.11	ng		99

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

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