Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058567.D
Acq On : 29 Sep 2016 21:19
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohiL
9/30/2016 7:25:00 PM

Quant Time: Sep 30 10:20:48 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 10:10:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	379760	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1450973	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	715032	20.00	ng		0.00
63) Phenanthrene-d10	18.42	188	1243925	20.00	ng		0.00
75) Chrysene-d12	22.79	240	1146259	20.00	ng		0.00
86) Perylene-d12	25.85	264	1072699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	2964304	126.62	ng		0.02
7) Phenol-d6	7.83	99	3439407	124.74	ng		0.02
23) Nitrobenzene-d5	9.91	82	3550527	122.56	ng		0.02
41) 2,4,6-Tribromophenol	17.13	330	1130650	141.72	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	4731953	122.92	ng		0.00
78) Terphenyl-d14	21.10	244	4190275	110.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	587879	66.25	ng		98
3) Pyridine	4.13	79	1496839	65.95	ng		99
4) n-Nitrosodimethylamine	4.07	42	1112776	64.50	ng		98
6) Aniline	7.98	93	2125756	61.06	ng		100
8) 2-Chlorophenol	8.23	128	1679370	61.70	ng		97
9) Benzaldehyde	7.73	77	824343	64.87	ng		94
10) Phenol	7.87	94	1788409	63.04	ng		95
11) bis(2-Chloroethyl)ether	8.06	93	1538019	61.51	ng		92
12) 1,3-Dichlorobenzene	8.56	146	1707465	61.46	ng		98
13) 1,4-Dichlorobenzene	8.72	146	1740803	61.17	ng		98
14) 1,2-Dichlorobenzene	9.06	146	1649962	62.32	ng		97
15) Benzyl Alcohol	8.95	79	1283497	62.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	9.25	45	2807103	63.20	ng		99
17) 2-Methylphenol	9.16	107	1184254	60.76	ng		97
18) Hexachloroethane	9.83	117	780852	62.05	ng		91
19) n-Nitroso-di-n-propylamine	9.58	70	1227483	60.81	ng		96
20) 3+4-Methylphenols	9.54	107	1521501	60.66	ng	#	84
22) Acetophenone	9.54	105	1964486	61.46	ng	#	91
24) Nitrobenzene	9.95	77	1727190	59.60	ng		92
25) Isophorone	10.53	82	3436605	61.15	ng		99
26) 2-Nitrophenol	10.70	139	1070353	60.48	ng		91
27) 2,4-Dimethylphenol	10.78	122	1495303	60.79	ng		97
28) bis(2-Chloroethoxy)methane	11.01	93	1824641	61.12	ng		98
29) 2,4-Dichlorophenol	11.28	162	1377395	59.91	ng		97
30) 1,2,4-Trichlorobenzene	11.49	180	1377674	59.03	ng		99
31) Naphthalene	11.68	128	3943628	56.95	ng		99
32) Benzoic acid	11.10	122	1069646	67.87	ng		98
33) 4-Chloroaniline	11.78	127	1851670	59.86	ng		97
34) Hexachlorobutadiene	12.03	225	747098	61.67	ng		98
35) Caprolactam	12.68	113	563823m	65.75	ng		
36) 4-Chloro-3-methylphenol	12.97	107	1514355	62.13	ng		95
37) 2-Methylnaphthalene	13.34	142	2649533	59.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	1271217	72.99	ng		100
40) Hexachlorocyclopentadiene	13.74	237	655125	68.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	970455	69.28	ng		96
43) 2,4,5-Trichlorophenol	14.05	196	1012425	72.24	ng	#	94
45) 1,1'-Biphenyl	14.38	154	3087443	61.43	ng		98
46) 2-Chloronaphthalene	14.42	162	2649936	69.54	ng		97
47) 2-Nitroaniline	14.61	65	1083629	73.15	ng		89
48) Acenaphthylene	15.30	152	4155190	69.88	ng		99
49) Dimethylphthalate	15.03	163	3056528	64.70	ng		97
50) 2,6-Dinitrotoluene	15.13	165	876924	64.55	ng	#	74
51) Acenaphthene	15.65	154	2749917	68.98	ng		98
52) 3-Nitroaniline	15.47	138	977455	68.72	ng		90
53) 2,4-Dinitrophenol	15.69	184	669570	72.53	ng	#	73
54) Dibenzofuran	15.99	168	3316634	65.67	ng		94
55) 4-Nitrophenol	15.82	139	913121	74.28	ng		93
56) 2,4-Dinitrotoluene	15.96	165	1182376	66.44	ng	#	73
57) Fluorene	16.67	166	2746006	68.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.24	232	755959	72.24	ng		98
59) Diethylphthalate	16.44	149	3289700	68.48	ng		96
60) 4-Chlorophenyl-phenylether	16.65	204	1285114	66.24	ng		94
61) 4-Nitroaniline	15.47	138	977455	68.72	ng		90
62) Azobenzene	16.96	77	3161248	65.19	ng		87
64) 4,6-Dinitro-2-methylphenol	16.76	198	812364	62.11	ng	#	64
65) n-Nitrosodiphenylamine	16.88	169	2489446	59.55	ng		99
66) 4-Bromophenyl-phenylether	17.57	248	815886	60.64	ng	#	87
67) Hexachlorobenzene	17.75	284	1079731	65.87	ng	#	77
68) Atrazine	17.86	200	768907	57.50	ng		98
69) Pentachlorophenol	18.07	266	693820	66.28	ng		99
70) Phenanthrene	18.48	178	3959276	61.16	ng		99
71) Anthracene	18.57	178	4079293	63.30	ng		96
72) Carbazole	18.84	167	3998762	64.15	ng	#	93
73) Di-n-butylphthalate	19.40	149	5135544	62.85	ng	#	94
74) Fluoranthene	20.52	202	3690591	60.49	ng		97
76) Benzidine	20.69	184	2292819	69.52	ng		96
77) Pyrene	20.90	202	4154889	66.52	ng		96
79) Butylbenzylphthalate	21.79	149	2619630	59.24	ng	#	92
80) Benzo(a)anthracene	22.77	228	3606153	61.15	ng		98
81) 3,3'-Dichlorobenzidine	22.70	252	1445541	65.05	ng	#	98
82) Chrysene	22.85	228	3240832	57.68	ng		97
83) Bis(2-ethylhexyl)phthalate	22.68	149	3243782	57.35	ng	#	94
84) Di-n-octyl phthalate	23.85	149	6179294	61.29	ng		100
85) Indeno(1,2,3-cd)pyrene	29.22	276	3626038	56.82	ng		98
87) Benzo(b)fluoranthene	24.93	252	4243395	66.72	ng		99
88) Benzo(k)fluoranthene	25.01	252	3225555	57.93	ng		99
89) Benzo(a)pyrene	25.74	252	3559221	64.01	ng	#	95
90) Dibenzo(a,h)anthracene	29.26	278	3002363	59.85	ng		95
91) Benzo(g,h,i)perylene	30.22	276	2749735	56.40	ng		98

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

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