Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058566.D
Acq On : 29 Sep 2016 20:38
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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9/30/2016 7:24:58 PM

Quant Time: Sep 30 10:18:33 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	528640	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	2026760	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	1015413	20.00	ng		0.00
63) Phenanthrene-d10	18.42	188	1752905	20.00	ng		0.00
75) Chrysene-d12	22.81	240	1674572	20.00	ng		0.02
86) Perylene-d12	25.87	264	1578562	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	3356350	102.99	ng		0.02
7) Phenol-d6	7.85	99	3895660	101.50	ng		0.04
23) Nitrobenzene-d5	9.91	82	4097640	101.27	ng		0.02
41) 2,4,6-Tribromophenol	17.13	330	1281146	113.08	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	5150198	94.21	ng		0.00
78) Terphenyl-d14	21.10	244	4803390	87.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	674831	54.63	ng		97
3) Pyridine	4.13	79	1736516	54.97	ng		98
4) n-Nitrosodimethylamine	4.08	42	1287291	53.60	ng		92
6) Aniline	7.99	93	2455805	50.67	ng		99
8) 2-Chlorophenol	8.24	128	1898753	50.11	ng		98
9) Benzaldehyde	7.74	77	997251	56.37	ng		94
10) Phenol	7.87	94	2045442	51.80	ng		98
11) bis(2-Chloroethyl)ether	8.06	93	1776703	51.04	ng		92
12) 1,3-Dichlorobenzene	8.56	146	1936754	50.08	ng		98
13) 1,4-Dichlorobenzene	8.72	146	1996745	50.40	ng		98
14) 1,2-Dichlorobenzene	9.06	146	1852441	50.26	ng		98
15) Benzyl Alcohol	8.95	79	1466227	50.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	9.26	45	3137790	50.75	ng		99
17) 2-Methylphenol	9.18	107	1381659	50.93	ng		97
18) Hexachloroethane	9.83	117	879435	50.21	ng		94
19) n-Nitroso-di-n-propylamine	9.58	70	1458758	51.91	ng		97
20) 3+4-Methylphenols	9.55	107	1759547	50.40	ng	#	87
22) Acetophenone	9.56	105	2260491	50.63	ng	#	95
24) Nitrobenzene	9.95	77	2034870	50.27	ng		91
25) Isophorone	10.53	82	3969386	50.57	ng		98
26) 2-Nitrophenol	10.70	139	1229683	49.74	ng		94
27) 2,4-Dimethylphenol	10.78	122	1745842	50.81	ng		98
28) bis(2-Chloroethoxy)methane	11.01	93	2053567	49.25	ng		99
29) 2,4-Dichlorophenol	11.28	162	1589041	49.48	ng		97
30) 1,2,4-Trichlorobenzene	11.49	180	1572304	48.23	ng		97
31) Naphthalene	11.68	128	4392270	45.41	ng		100
32) Benzoic acid	11.12	122	1262410	57.35	ng		96
33) 4-Chloroaniline	11.78	127	2161868	50.03	ng		96
34) Hexachlorobutadiene	12.03	225	844411	49.90	ng		97
35) Caprolactam	12.70	113	660487m	55.14	ng		
36) 4-Chloro-3-methylphenol	12.99	107	1779189	52.26	ng		97
37) 2-Methylnaphthalene	13.34	142	2982672	47.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	1417446	57.31	ng		99
40) Hexachlorocyclopentadiene	13.74	237	745099	55.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	1080495	54.32	ng		96
43) 2,4,5-Trichlorophenol	14.07	196	1166166	58.59	ng	#	93
45) 1,1'-Biphenyl	14.38	154	3433494	48.10	ng		98
46) 2-Chloronaphthalene	14.42	162	3027044	55.94	ng		98
47) 2-Nitroaniline	14.61	65	1249271	59.38	ng		90
48) Acenaphthylene	15.30	152	4731814	56.04	ng		99
49) Dimethylphthalate	15.03	163	3365426	50.16	ng		97
50) 2,6-Dinitrotoluene	15.13	165	1041106	53.96	ng	#	76
51) Acenaphthene	15.65	154	3083210	54.46	ng		99
52) 3-Nitroaniline	15.48	138	1200148	59.41	ng		91
53) 2,4-Dinitrophenol	15.69	184	776750	59.25	ng	#	70
54) Dibenzofuran	16.00	168	3790624	52.85	ng		92
55) 4-Nitrophenol	15.82	139	1034928	59.28	ng		98
56) 2,4-Dinitrotoluene	15.96	165	1374069	54.37	ng	#	72
57) Fluorene	16.67	166	3131727	55.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.25	232	897134	60.37	ng		99
59) Diethylphthalate	16.44	149	3655462	53.58	ng		97
60) 4-Chlorophenyl-phenylether	16.65	204	1437098	52.16	ng		94
61) 4-Nitroaniline	15.48	138	1200148	59.41	ng		91
62) Azobenzene	16.96	77	4094901	59.46	ng		89
64) 4,6-Dinitro-2-methylphenol	16.77	198	919527	49.89	ng	#	55
65) n-Nitrosodiphenylamine	16.88	169	2831308	48.07	ng		99
66) 4-Bromophenyl-phenylether	17.58	248	910111	48.00	ng	#	89
67) Hexachlorobenzene	17.75	284	1249742	54.10	ng	#	77
68) Atrazine	17.86	200	978346	51.92	ng		98
69) Pentachlorophenol	18.08	266	801416	54.32	ng		99
70) Phenanthrene	18.48	178	4400322	48.24	ng		99
71) Anthracene	18.58	178	4576196	50.39	ng		98
72) Carbazole	18.83	167	4611143	52.49	ng		97
73) Di-n-butylphthalate	19.40	149	5402772	46.92	ng		96
74) Fluoranthene	20.52	202	4112052	47.83	ng		97
76) Benzidine	20.69	184	2771605	57.52	ng		96
77) Pyrene	20.91	202	4687124	51.37	ng		98
79) Butylbenzylphthalate	21.79	149	2910701	45.06	ng		93
80) Benzo(a)anthracene	22.77	228	4161279	48.30	ng		99
81) 3,3'-Dichlorobenzidine	22.70	252	1601107	49.32	ng	#	98
82) Chrysene	22.85	228	3834566	46.72	ng		97
83) Bis(2-ethylhexyl)phthalate	22.68	149	3548794	42.95	ng		97
84) Di-n-octyl phthalate	23.85	149	6861995	46.59	ng		99
85) Indeno(1,2,3-cd)pyrene	29.26	276	4447285	47.70	ng		99
87) Benzo(b)fluoranthene	24.95	252	4818012	51.48	ng		98
88) Benzo(k)fluoranthene	25.01	252	3875947	47.31	ng		99
89) Benzo(a)pyrene	25.76	252	4251425	51.96	ng		99
90) Dibenzo(a,h)anthracene	29.26	278	3696127	50.07	ng		99
91) Benzo(g,h,i)perylene	30.25	276	3379254	47.10	ng		98

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

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