Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058563.D
Acq On : 29 Sep 2016 18:36
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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9/30/2016 7:24:40 PM

Quant Time: Sep 30 10:13:56 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	388740	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1476759	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	731692	20.00	ng		0.00
63) Phenanthrene-d10	18.42	188	1256917	20.00	ng		0.00
75) Chrysene-d12	22.77	240	1127437	20.00	ng		-0.02
86) Perylene-d12	25.85	264	1094250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	519305	21.67	ng		0.00
7) Phenol-d6	7.79	99	618827	21.93	ng		-0.02
23) Nitrobenzene-d5	9.87	82	634722	21.53	ng		-0.02
41) 2,4,6-Tribromophenol	17.11	330	179085	21.94	ng		-0.02
44) 2-Fluorobiphenyl	14.14	172	1054260	26.76	ng		-0.02
78) Terphenyl-d14	21.08	244	972041	26.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	100224	11.03	ng		98
3) Pyridine	4.13	79	252147	10.85	ng		94
4) n-Nitrosodimethylamine	4.05	42	186785	10.58	ng	#	95
6) Aniline	7.94	93	376439	10.56	ng		98
8) 2-Chlorophenol	8.21	128	295079	10.59	ng		98
9) Benzaldehyde	7.73	77	208534	16.03	ng		91
10) Phenol	7.83	94	315851	10.88	ng		98
11) bis(2-Chloroethyl)ether	8.04	93	280161	10.95	ng		92
12) 1,3-Dichlorobenzene	8.56	146	299112	10.52	ng		97
13) 1,4-Dichlorobenzene	8.69	146	307227	10.55	ng		97
14) 1,2-Dichlorobenzene	9.04	146	284644	10.50	ng		98
15) Benzyl Alcohol	8.91	79	215087	10.17	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.23	45	518519	11.40	ng		96
17) 2-Methylphenol	9.16	107	204430	10.25	ng		97
18) Hexachloroethane	9.83	117	135056	10.48	ng		93
19) n-Nitroso-di-n-propylamine	9.52	70	222865	10.79	ng		91
20) 3+4-Methylphenols	9.50	107	278420	10.84	ng	#	76
22) Acetophenone	9.52	105	355201	10.92	ng	#	97
24) Nitrobenzene	9.93	77	318702	10.81	ng		94
25) Isophorone	10.49	82	621909	10.87	ng		99
26) 2-Nitrophenol	10.68	139	178812	9.93	ng		99
27) 2,4-Dimethylphenol	10.76	122	261426	10.44	ng		96
28) bis(2-Chloroethoxy)methane	10.99	93	329121	10.83	ng		100
29) 2,4-Dichlorophenol	11.26	162	233400	9.98	ng		95
30) 1,2,4-Trichlorobenzene	11.49	180	239955	10.10	ng		99
31) Naphthalene	11.66	128	772742	10.96	ng		97
32) Benzoic acid	10.91	122	136598	8.52	ng	#	89
33) 4-Chloroaniline	11.76	127	319165	10.14	ng		95
34) Hexachlorobutadiene	12.01	225	124286	10.08	ng		100
35) Caprolactam	12.53	113	95173	10.90	ng	#	82
36) 4-Chloro-3-methylphenol	12.93	107	254874	10.27	ng		89
37) 2-Methylnaphthalene	13.32	142	498843	10.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	225352	12.64	ng		99
40) Hexachlorocyclopentadiene	13.72	237	96778	9.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.95	196	159908	11.16	ng		96
43) 2,4,5-Trichlorophenol	14.03	196	163912	11.43	ng		99
45) 1,1'-Biphenyl	14.36	154	630587	12.26	ng		93
46) 2-Chloronaphthalene	14.39	162	475713	12.20	ng		96
47) 2-Nitroaniline	14.59	65	186720	12.32	ng		88
48) Acenaphthylene	15.28	152	762940	12.54	ng		94
49) Dimethylphthalate	14.99	163	581880	12.04	ng	#	97
50) 2,6-Dinitrotoluene	15.11	165	156662	11.27	ng		93
51) Acenaphthene	15.63	154	495150	12.14	ng		98
52) 3-Nitroaniline	15.43	138	158689	10.90	ng		84
53) 2,4-Dinitrophenol	15.65	184	74655	7.90	ng	#	1
54) Dibenzofuran	15.97	168	654175	12.66	ng		99
55) 4-Nitrophenol	15.76	139	134102	10.66	ng		93
56) 2,4-Dinitrotoluene	15.92	165	202466	11.12	ng	#	68
57) Fluorene	16.65	166	551249	13.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.22	232	120001	11.21	ng		98
59) Diethylphthalate	16.40	149	617993	12.57	ng	#	88
60) 4-Chlorophenyl-phenylether	16.65	204	242276	12.20	ng		90
61) 4-Nitroaniline	15.43	138	158689	10.90	ng		84
62) Azobenzene	16.94	77	645209	13.00	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.72	198	115132	8.71	ng	#	73
65) n-Nitrosodiphenylamine	16.86	169	476700	11.29	ng		97
66) 4-Bromophenyl-phenylether	17.57	248	134993	9.93	ng	#	89
67) Hexachlorobenzene	17.73	284	169254	10.22	ng	#	85
68) Atrazine	17.84	200	156921	11.61	ng		98
69) Pentachlorophenol	18.07	266	101714	9.62	ng		98
70) Phenanthrene	18.46	178	737408	11.27	ng		94
71) Anthracene	18.53	178	722925	11.10	ng		93
72) Carbazole	18.80	167	707059	11.22	ng		93
73) Di-n-butylphthalate	19.40	149	1198434	14.52	ng	#	86
74) Fluoranthene	20.50	202	710849	11.53	ng		92
76) Benzidine	20.67	184	393524	12.13	ng		99
77) Pyrene	20.88	202	754966	12.29	ng		91
79) Butylbenzylphthalate	21.79	149	518694	11.93	ng	#	82
80) Benzo(a)anthracene	22.75	228	662961	11.43	ng		94
81) 3,3'-Dichlorobenzidine	22.66	252	268751	12.30	ng	#	91
82) Chrysene	22.83	228	637025	11.53	ng		89
83) Bis(2-ethylhexyl)phthalate	22.67	149	720257	12.95	ng		90
84) Di-n-octyl phthalate	23.83	149	1278097	12.89	ng	#	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	570518	9.09	ng		97
87) Benzo(b)fluoranthene	24.89	252	615623	9.49	ng		97
88) Benzo(k)fluoranthene	24.95	252	647108m	11.39	ng		
89) Benzo(a)pyrene	25.70	252	579647	10.22	ng		97
90) Dibenzo(a,h)anthracene	29.15	278	465472	9.10	ng		98
91) Benzo(g,h,i)perylene	30.11	276	456232	9.17	ng		94

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

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