Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058568.D
Acq On : 29 Sep 2016 21:59
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohiL
9/30/2016 7:24:42 PM

Quant Time: Sep 30 14:21:14 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	381609	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1476676	20.00	ng		0.00
38) Acenaphthene-d10	15.59	164	742305	20.00	ng		0.02
63) Phenanthrene-d10	18.42	188	1239471	20.00	ng		0.00
75) Chrysene-d12	22.81	240	1155941	20.00	ng		0.02
86) Perylene-d12	25.87	264	1054073	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	3953021	168.04	ng		0.02
7) Phenol-d6	7.85	99	4516284	163.01	ng		0.04
23) Nitrobenzene-d5	9.93	82	4681139	158.78	ng		0.04
41) 2,4,6-Tribromophenol	17.15	330	1638190	197.79	ng		0.02
44) 2-Fluorobiphenyl	14.18	172	6403398	160.22	ng		0.02
78) Terphenyl-d14	21.12	244	5471536	143.60	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	787449	88.31	ng		97
3) Pyridine	4.13	79	2013728	88.30	ng		98
4) n-Nitrosodimethylamine	4.07	42	1517257	87.52	ng		96
6) Aniline	7.98	93	2843304	81.28	ng		97
8) 2-Chlorophenol	8.23	128	2194338	80.22	ng		98
9) Benzaldehyde	7.73	77	985040	77.14	ng		94
10) Phenol	7.87	94	2310156	81.04	ng		94
11) bis(2-Chloroethyl)ether	8.08	93	2071346	82.44	ng		98
12) 1,3-Dichlorobenzene	8.56	146	2255295	80.78	ng		99
13) 1,4-Dichlorobenzene	8.72	146	2346939	82.07	ng		100
14) 1,2-Dichlorobenzene	9.06	146	2131859	80.13	ng		100
15) Benzyl Alcohol	8.95	79	1692911	81.55	ng		99
16) 2,2'-oxybis(1-Chloropropan	9.25	45	3621595	81.14	ng		100
17) 2-Methylphenol	9.18	107	1591049	81.24	ng		99
18) Hexachloroethane	9.83	117	1047968	82.88	ng	#	90
19) n-Nitroso-di-n-propylamine	9.60	70	1643657	81.03	ng		96
20) 3+4-Methylphenols	9.56	107	1972881	78.28	ng	#	72
22) Acetophenone	9.56	105	2505133	77.01	ng	#	97
24) Nitrobenzene	9.97	77	2416959	81.96	ng		97
25) Isophorone	10.54	82	4628911	80.93	ng		98
26) 2-Nitrophenol	10.70	139	1375889	76.39	ng		99
27) 2,4-Dimethylphenol	10.79	122	1994803	79.68	ng		99
28) bis(2-Chloroethoxy)methane	11.01	93	2398182	78.94	ng		100
29) 2,4-Dichlorophenol	11.28	162	1825848	78.04	ng		99
30) 1,2,4-Trichlorobenzene	11.51	180	1890708	79.60	ng		99
31) Naphthalene	11.70	128	5179270	73.49	ng		98
32) Benzoic acid	11.14	122	1416095	88.29	ng		98
33) 4-Chloroaniline	11.80	127	2505613	79.58	ng		99
34) Hexachlorobutadiene	12.03	225	992717	80.52	ng		99
35) Caprolactam	12.74	113	820383m	94.00	ng		
36) 4-Chloro-3-methylphenol	12.99	107	1981387	79.87	ng		97
37) 2-Methylnaphthalene	13.34	142	3409118	74.77	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	1422561	78.68	ng		98
40) Hexachlorocyclopentadiene	13.74	237	831711	84.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	1286197	88.45	ng		95
43) 2,4,5-Trichlorophenol	14.07	196	1300912	89.41	ng		97
45) 1,1'-Biphenyl	14.40	154	4304669	82.50	ng		100
46) 2-Chloronaphthalene	14.43	162	3558124	89.95	ng		99
47) 2-Nitroaniline	14.63	65	1435080	93.32	ng		96
48) Acenaphthylene	15.30	152	4917491	79.66	ng		98
49) Dimethylphthalate	15.05	163	4091372	83.42	ng		98
50) 2,6-Dinitrotoluene	15.15	165	1232322	87.38	ng	#	87
51) Acenaphthene	15.67	154	3683689	89.01	ng		99
52) 3-Nitroaniline	15.49	138	1277005	86.48	ng		94
54) Dibenzofuran	15.99	168	4577596	87.31	ng		94
55) 4-Nitrophenol	15.84	139	1257655	98.54	ng		88
56) 2,4-Dinitrotoluene	15.97	165	1751059	94.78	ng	#	83
57) Fluorene	16.67	166	3577105	86.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.24	232	936750	86.23	ng		95
59) Diethylphthalate	16.46	149	4625812	92.75	ng		99
60) 4-Chlorophenyl-phenylether	16.65	204	1690764	83.95	ng		90
61) 4-Nitroaniline	15.49	138	1277005	86.48	ng		94
62) Azobenzene	16.96	77	4392932	87.26	ng		83
64) 4,6-Dinitro-2-methylphenol	16.78	198	1182338	90.72	ng		78
65) n-Nitrosodiphenylamine	16.90	169	3580720	85.97	ng		99
66) 4-Bromophenyl-phenylether	17.59	248	1176543	87.76	ng	#	90
67) Hexachlorobenzene	17.75	284	1296230	79.36	ng		91
68) Atrazine	17.88	200	1050468	78.84	ng		99
69) Pentachlorophenol	18.09	266	978615	93.82	ng		99
70) Phenanthrene	18.48	178	4320900	66.99	ng		96
71) Anthracene	18.57	178	4505050	70.16	ng		97
72) Carbazole	18.84	167	4672321	75.22	ng		98
73) Di-n-butylphthalate	19.42	149	6143559	75.46	ng		98
74) Fluoranthene	20.54	202	4902458	80.65	ng		95
76) Benzidine	20.69	184	2567417	77.19	ng	#	95
77) Pyrene	20.90	202	4638848	73.65	ng		98
79) Butylbenzylphthalate	21.81	149	3763641	84.40	ng	#	75
80) Benzo(a)anthracene	22.79	228	4700788	79.04	ng		100
81) 3,3'-Dichlorobenzidine	22.70	252	1524274	68.02	ng	#	96
82) Chrysene	22.87	228	4633570	81.78	ng		98
83) Bis(2-ethylhexyl)phthalate	22.68	149	4165717	73.04	ng	#	95
84) Di-n-octyl phthalate	23.85	149	7469139	73.47	ng		98
85) Indeno(1,2,3-cd)pyrene	29.28	276	4824589	74.96	ng		99
87) Benzo(b)fluoranthene	24.95	252	6249159m	100.00	ng		
88) Benzo(k)fluoranthene	25.03	252	3647274m	66.67	ng		
89) Benzo(a)pyrene	25.76	252	4594870	84.10	ng	#	96
90) Dibenzo(a,h)anthracene	29.28	278	4063599	82.44	ng		98
91) Benzo(g,h,i)perylene	30.24	276	3704269	77.32	ng		95

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

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