Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093729.D
Acq On : 18 Mar 2017 2:53
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:04 PM

Quant Time: Mar 18 04:40:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 04:23:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	207619	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	877164	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	434137	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	672203	20.00	ng		0.00
75) Chrysene-d12	14.00	240	379532	20.00	ng		0.00
86) Perylene-d12	15.41	264	384178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1360944	109.63	ng		0.00
7) Phenol-d6	6.48	99	1741508	113.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	1620013	121.91	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	327662	116.59	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2348944	105.29	ng		0.00
78) Terphenyl-d14	12.95	244	2006805	112.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	380620	59.38	ng		99
3) Pyridine	3.16	79	1069052	62.52	ng		98
4) n-Nitrosodimethylamine	3.11	42	472147	60.74	ng		99
6) Aniline	6.52	93	1253912	56.24	ng		98
8) 2-Chlorophenol	6.64	128	787451	56.76	ng		86
9) Benzaldehyde	6.39	77	412797	46.42	ng		99
10) Phenol	6.49	94	953847	53.95	ng		82
11) bis(2-Chloroethyl)ether	6.58	93	779443	54.05	ng		96
12) 1,3-Dichlorobenzene	6.79	146	821189	53.08	ng		98
13) 1,4-Dichlorobenzene	6.87	146	912992	57.88	ng		98
14) 1,2-Dichlorobenzene	7.03	146	805688m	54.58	ng		
15) Benzyl Alcohol	7.00	79	661682	57.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1290404	57.43	ng		100
17) 2-Methylphenol	7.11	107	701241	57.93	ng		98
18) Hexachloroethane	7.37	117	332690	60.07	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	599466	58.20	ng		98
20) 3+4-Methylphenols	7.27	107	810121	56.46	ng		97
22) Acetophenone	7.27	105	1055318	56.83	ng	#	94
24) Nitrobenzene	7.44	77	941808	64.45	ng	#	85
25) Isophorone	7.68	82	1594114	56.19	ng		97
26) 2-Nitrophenol	7.75	139	380427	71.97	ng	#	90
27) 2,4-Dimethylphenol	7.80	122	774432	57.43	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	941781	52.45	ng		100
29) 2,4-Dichlorophenol	7.99	162	635056	54.19	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	678516	55.73	ng		99
31) Naphthalene	8.16	128	2298615	54.31	ng		99
32) Benzoic acid	7.93	122	523445	86.85	ng		99
33) 4-Chloroaniline	8.21	127	1012398	56.60	ng	#	94
34) Hexachlorobutadiene	8.29	225	352557	54.97	ng		98
35) Caprolactam	8.60	113	247412	61.60	ng	#	75
36) 4-Chloro-3-methylphenol	8.69	107	656811	53.31	ng		85
37) 2-Methylnaphthalene	8.85	142	1377351	48.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	562180	52.68	ng		98
40) Hexachlorocyclopentadiene	9.01	237	279407	54.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	438015	59.04	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	467445	60.73	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1592718	50.46	ng		97
46) 2-Chloronaphthalene	9.34	162	1361922	55.71	ng		95
47) 2-Nitroaniline	9.43	65	485513	71.75	ng	#	79
48) Acenaphthylene	9.75	152	2037782	50.26	ng		100
49) Dimethylphthalate	9.62	163	1679763	58.54	ng		99
50) 2,6-Dinitrotoluene	9.67	165	346018	55.78	ng	#	71
51) Acenaphthene	9.92	154	1225171	51.34	ng		99
52) 3-Nitroaniline	9.84	138	477333	66.74	ng		90
53) 2,4-Dinitrophenol	9.94	184	148386	94.65	ng	#	50
54) Dibenzofuran	10.09	168	1630253	50.14	ng		97
55) 4-Nitrophenol	9.99	139	306508	61.44	ng	#	57
56) 2,4-Dinitrotoluene	10.07	165	450963	64.17	ng	#	73
57) Fluorene	10.44	166	1185994	47.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	299595	57.14	ng		99
59) Diethylphthalate	10.32	149	1570163	57.54	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	559623	54.11	ng	#	77
61) 4-Nitroaniline	10.46	138	436798	68.36	ng		98
62) Azobenzene	10.58	77	1549328	56.03	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	221082	76.34	ng		80
65) n-Nitrosodiphenylamine	10.55	169	1261375	57.45	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	339385	51.95	ng		91
67) Hexachlorobenzene	10.98	284	357020	53.27	ng	#	84
68) Atrazine	11.08	200	345493	50.65	ng		94
69) Pentachlorophenol	11.17	266	233510	64.34	ng		98
70) Phenanthrene	11.40	178	2077348	54.50	ng		100
71) Anthracene	11.44	178	1851538	50.90	ng		99
72) Carbazole	11.59	167	2121340	53.78	ng		100
73) Di-n-butylphthalate	11.93	149	2105349	53.01	ng		99
74) Fluoranthene	12.57	202	1850381	47.14	ng		98
76) Benzidine	12.69	184	781755	49.41	ng		97
77) Pyrene	12.80	202	1947976	61.23	ng		99
79) Butylbenzylphthalate	13.43	149	992882	74.33	ng		94
80) Benzo(a)anthracene	13.99	228	1482848	61.22	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	540883	62.27	ng	#	92
82) Chrysene	14.03	228	1409230	59.40	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	951790	61.24	ng		99
84) Di-n-octyl phthalate	14.60	149	1841441	63.22	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1302505	61.96	ng		99
87) Benzo(b)fluoranthene	15.01	252	1312455	50.35	ng		98
88) Benzo(k)fluoranthene	15.04	252	1315597m	67.62	ng		
89) Benzo(a)pyrene	15.35	252	1226048	56.00	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1104811	58.82	ng	#	96
91) Benzo(g,h,i)perylene	17.20	276	1143601	59.73	ng		99

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

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