Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094793.D
Acq On : 2 May 2017 14:58
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
5/4/2017 1:42:07 PM

Quant Time: May 03 17:18:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:41:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	110453	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	436013	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	199371	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	354733	20.00	ng		0.00
75) Chrysene-d12	18.65	240	278582	20.00	ng		0.00
86) Perylene-d12	20.31	264	229015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	676082	101.55	ng		0.00
7) Phenol-d6	7.28	99	761504	97.02	ng		0.00
23) Nitrobenzene-d5	8.64	82	701085	99.29	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	153840	98.65	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	1368368	100.98	ng		0.00
78) Terphenyl-d14	17.31	244	1230890	118.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	157558	40.693	ng		94
3) Pyridine	2.76	79	393830	46.540	ng		97
4) n-Nitrosodimethylamine	2.70	42	164069	46.858	ng		89
6) Aniline	7.24	93	492913	47.257	ng		97
8) 2-Chlorophenol	7.42	128	377937	49.888	ng		95
9) Benzaldehyde	7.04	77	223200	37.384	ng		99
10) Phenol	7.30	94	401880	41.681	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	332556	47.213	ng		96
12) 1,3-Dichlorobenzene	7.64	146	430669	51.312	ng		99
13) 1,4-Dichlorobenzene	7.76	146	437775	51.842	ng		97
14) 1,2-Dichlorobenzene	8.00	146	403209	51.837	ng		97
15) Benzyl Alcohol	8.02	79	275124	47.255	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	478176	51.779	ng	#	24
17) 2-Methylphenol	8.23	107	305826	51.257	ng		95
18) Hexachloroethane	8.52	117	149462	51.631	ng		88
19) n-Nitroso-di-n-propylamine	8.45	70	275657	53.007	ng		95
20) 3+4-Methylphenols	8.49	107	428536	52.856	ng	#	63
22) Acetophenone	8.41	105	537391	50.689	ng	#	84
24) Nitrobenzene	8.67	77	376432	50.623	ng		95
25) Isophorone	9.07	82	623012	47.596	ng	#	94
26) 2-Nitrophenol	9.17	139	197819	49.519	ng		96
27) 2,4-Dimethylphenol	9.31	122	327280	50.436	ng		97
28) bis(2-Chloroethoxy)methane	9.44	93	444328	52.478	ng		99
29) 2,4-Dichlorophenol	9.58	162	318045	52.686	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	326127	52.256	ng		98
31) Naphthalene	9.79	128	1119067	53.388	ng		100
32) Benzoic acid	9.62	122	218476	63.669	ng		97
33) 4-Chloroaniline	9.92	127	427744	49.054	ng		93
34) Hexachlorobutadiene	10.01	225	171103	54.990	ng		98
35) Caprolactam	10.55	113	98051m	51.704	ng		
36) 4-Chloro-3-methylphenol	10.78	107	332566	52.570	ng		87
37) 2-Methylnaphthalene	10.91	142	726311	50.648	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	296022	52.142	ng		99
40) Hexachlorocyclopentadiene	11.17	237	120773	52.586	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	210404	52.774	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	227871	55.657	ng		95
45) 1,1'-Biphenyl	11.68	154	814432	49.998	ng		98
46) 2-Chloronaphthalene	11.70	162	662070m	51.116	ng		
47) 2-Nitroaniline	11.91	65	192491	51.663	ng	#	75
48) Acenaphthylene	12.36	152	1045256	51.769	ng		98
49) Dimethylphthalate	12.23	163	813305	54.739	ng		100
50) 2,6-Dinitrotoluene	12.32	165	171186	51.331	ng		97
51) Acenaphthene	12.64	154	621426m	51.386	ng		
52) 3-Nitroaniline	12.58	138	186929	48.447	ng		93
53) 2,4-Dinitrophenol	12.77	184	86125	54.566	ng	#	70
54) Dibenzofuran	12.92	168	864609	49.190	ng		99
55) 4-Nitrophenol	12.96	139	108330	39.741	ng	#	76
56) 2,4-Dinitrotoluene	12.98	165	222753	54.435	ng	#	93
57) Fluorene	13.48	166	748818	54.709	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	134177	45.723	ng		97
59) Diethylphthalate	13.38	149	763477	54.460	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	334523	58.727	ng		92
61) 4-Nitroaniline	13.58	138	168323	42.913	ng		96
62) Azobenzene	13.77	77	582795	42.817	ng		95
64) 4,6-Dinitro-2-methylphenol	13.64	198	128322	55.212	ng	#	67
65) n-Nitrosodiphenylamine	13.72	169	642607	52.087	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	186358	52.907	ng		98
67) Hexachlorobenzene	14.38	284	192930	54.350	ng	#	89
68) Atrazine	14.64	200	184893	50.096	ng		96
69) Pentachlorophenol	14.72	266	85685	60.790	ng		95
70) Phenanthrene	15.02	178	1005814	50.351	ng		99
71) Anthracene	15.11	178	1026887	49.697	ng		99
72) Carbazole	15.39	167	951061	49.038	ng		97
73) Di-n-butylphthalate	15.96	149	1196513	56.033	ng		99
74) Fluoranthene	16.77	202	1031762	49.836	ng		99
76) Benzidine	16.98	184	371066	32.897	ng		96
77) Pyrene	17.07	202	1047846	53.837	ng		99
79) Butylbenzylphthalate	17.97	149	491969	57.676	ng	#	84
80) Benzo(a)anthracene	18.64	228	788972	48.725	ng		99
81) 3,3'-Dichlorobenzidine	18.62	252	269538	47.024	ng	#	96
82) Chrysene	18.69	228	791019	53.455	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	703544	61.432	ng	#	99
84) Di-n-octyl phthalate	19.49	149	1134318	59.046	ng		96
85) Indeno(1,2,3-cd)pyrene	21.61	276	573159	40.707	ng		99
87) Benzo(b)fluoranthene	19.91	252	717790	51.236	ng		99
88) Benzo(k)fluoranthene	19.94	252	700040	52.802	ng	#	95
89) Benzo(a)pyrene	20.26	252	638690	49.004	ng		99
90) Dibenzo(a,h)anthracene	21.62	278	492344	45.493	ng		97
91) Benzo(g,h,i)perylene	21.98	276	494405	44.872	ng		97

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

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