Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094920.D
Acq On : 5 May 2017 16:47
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/8/2017 2:47:47 PM

Quant Time: May 05 23:19:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	86463	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	361063	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	176791	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	315734	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	244508	20.00	ng		-0.01
86) Perylene-d12	20.30	264	193608	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	436143	84.10	ng		-0.01
7) Phenol-d6	7.26	99	513125	82.46	ng		-0.02
23) Nitrobenzene-d5	8.62	82	460713	80.46	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	120099	82.95	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1020653	83.10	ng		-0.01
78) Terphenyl-d14	17.30	244	834950	75.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	136910	53.83	ng		93
3) Pyridine	2.75	79	246059	41.74	ng		94
4) n-Nitrosodimethylamine	2.68	42	98700	40.17	ng		80
6) Aniline	7.22	93	319457	40.67	ng		96
8) 2-Chlorophenol	7.41	128	247609	41.95	ng		95
9) Benzaldehyde	7.03	77	151573	39.89	ng		98
10) Phenol	7.28	94	270676	41.28	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	221736	40.96	ng		96
12) 1,3-Dichlorobenzene	7.62	146	273707	40.88	ng		99
13) 1,4-Dichlorobenzene	7.75	146	280493	41.31	ng		97
14) 1,2-Dichlorobenzene	7.98	146	264146	41.67	ng		96
15) Benzyl Alcohol	8.00	79	195148	48.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	290280	37.89	ng	#	27
17) 2-Methylphenol	8.21	107	197338	40.85	ng	#	86
18) Hexachloroethane	8.50	117	95845	41.67	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	169993	40.39	ng		92
20) 3+4-Methylphenols	8.47	107	267007	40.68	ng	#	61
22) Acetophenone	8.40	105	354907	40.97	ng	#	83
24) Nitrobenzene	8.65	77	243392	40.55	ng		92
25) Isophorone	9.05	82	433041	42.35	ng		95
26) 2-Nitrophenol	9.16	139	136118	42.03	ng		98
27) 2,4-Dimethylphenol	9.30	122	212520	40.59	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	278606	39.39	ng		100
29) 2,4-Dichlorophenol	9.57	162	203330	41.13	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	213615	40.33	ng		99
31) Naphthalene	9.78	128	715920	39.45	ng		99
32) Benzoic acid	9.60	122	124193	37.38	ng		96
33) 4-Chloroaniline	9.91	127	284610	42.09	ng	#	93
34) Hexachlorobutadiene	10.00	225	108587	38.85	ng		95
35) Caprolactam	10.52	113	66548m	44.83	ng		
36) 4-Chloro-3-methylphenol	10.76	107	225463	42.65	ng		87
37) 2-Methylnaphthalene	10.90	142	524346	44.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	216240	39.77	ng		99
40) Hexachlorocyclopentadiene	11.16	237	74480	36.18	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	148048	40.78	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	156024	39.99	ng	#	91
45) 1,1'-Biphenyl	11.67	154	609840	40.97	ng		98
46) 2-Chloronaphthalene	11.68	162	474090	39.45	ng		95
47) 2-Nitroaniline	11.90	65	133666	40.63	ng	#	81
48) Acenaphthylene	12.34	152	762287	40.49	ng		99
49) Dimethylphthalate	12.21	163	550740	37.95	ng		98
50) 2,6-Dinitrotoluene	12.30	165	122597	41.40	ng		91
51) Acenaphthene	12.62	154	439059	39.05	ng		98
52) 3-Nitroaniline	12.57	138	129864	40.86	ng	#	93
53) 2,4-Dinitrophenol	12.77	184	56729	38.32	ng	#	68
54) Dibenzofuran	12.91	168	678545	43.61	ng		99
55) 4-Nitrophenol	12.96	139	77384	40.54	ng	#	70
56) 2,4-Dinitrotoluene	12.97	165	160787	42.26	ng	#	90
57) Fluorene	13.47	166	541125	40.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	111204	45.29	ng	#	95
59) Diethylphthalate	13.37	149	511071	36.74	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	237418	39.93	ng		91
61) 4-Nitroaniline	13.57	138	123950	42.49	ng		95
62) Azobenzene	13.75	77	493677	44.16	ng		96
64) 4,6-Dinitro-2-methylphenol	13.63	198	86098	40.68	ng	#	69
65) n-Nitrosodiphenylamine	13.70	169	459913	40.13	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	134239	40.24	ng		100
67) Hexachlorobenzene	14.36	284	134680	39.40	ng	#	86
68) Atrazine	14.62	200	134081	41.44	ng		96
69) Pentachlorophenol	14.71	266	50568	36.18	ng		98
70) Phenanthrene	15.01	178	747438	41.20	ng		97
71) Anthracene	15.09	178	767953	41.44	ng		98
72) Carbazole	15.37	167	710739	42.15	ng		98
73) Di-n-butylphthalate	15.94	149	817903	38.90	ng		98
74) Fluoranthene	16.75	202	755221	40.58	ng		99
76) Benzidine	16.97	184	119892	22.23	ng		94
77) Pyrene	17.05	202	770162	42.12	ng		99
79) Butylbenzylphthalate	17.96	149	308131	36.23	ng		91
80) Benzo(a)anthracene	18.63	228	580276	40.78	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	193024	39.27	ng	#	97
82) Chrysene	18.67	228	559364	40.65	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	465676	38.43	ng		98
84) Di-n-octyl phthalate	19.47	149	731764	36.83	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	411730	36.85	ng		99
87) Benzo(b)fluoranthene	19.89	252	473913	39.61	ng		99
88) Benzo(k)fluoranthene	19.92	252	447319	38.76	ng		96
89) Benzo(a)pyrene	20.25	252	453535	41.08	ng		100
90) Dibenzo(a,h)anthracene	21.60	278	344653	37.80	ng		100
91) Benzo(g,h,i)perylene	21.96	276	366679	40.98	ng		97

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

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