Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095554.D
Acq On : 31 May 2017 2:18
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2017 5:03:05 PM

Quant Time: May 31 08:52:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	119078	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	450256	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	171718	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	272262	20.00	ng		0.00
75) Chrysene-d12	18.68	240	265166m	20.00	ng		0.00
86) Perylene-d12	20.35	264	190951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	612218	85.72	ng		0.00
7) Phenol-d6	7.29	99	700421	81.73	ng		0.00
23) Nitrobenzene-d5	8.65	82	595950	83.46	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	102624	72.97	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1037643	86.98	ng		0.00
78) Terphenyl-d14	17.32	244	888340	73.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	128529	36.69	ng		97
3) Pyridine	2.83	79	297109	36.60	ng		97
4) n-Nitrosodimethylamine	2.76	42	110058	32.52	ng		86
6) Aniline	7.24	93	468960	43.35	ng		96
8) 2-Chlorophenol	7.43	128	336795	41.43	ng		94
9) Benzaldehyde	7.06	77	196966	37.64	ng		99
10) Phenol	7.31	94	390123	43.20	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	306471	41.11	ng		98
12) 1,3-Dichlorobenzene	7.64	146	368568	39.97	ng		99
13) 1,4-Dichlorobenzene	7.76	146	374397	40.03	ng		96
14) 1,2-Dichlorobenzene	8.00	146	352913	40.43	ng		96
15) Benzyl Alcohol	8.03	79	233369	42.34	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	427267	40.49	ng		96
17) 2-Methylphenol	8.24	107	276067	41.50	ng		97
18) Hexachloroethane	8.51	117	100374	31.68	ng	#	85
19) n-Nitroso-di-n-propylamine	8.45	70	231980	40.03	ng		94
20) 3+4-Methylphenols	8.51	107	350661	38.79	ng	#	54
22) Acetophenone	8.41	105	461582	42.73	ng	#	84
24) Nitrobenzene	8.67	77	312317	41.73	ng		94
25) Isophorone	9.08	82	529614	41.54	ng		95
26) 2-Nitrophenol	9.18	139	156292	38.70	ng		98
27) 2,4-Dimethylphenol	9.32	122	277879	42.56	ng		96
28) bis(2-Chloroethoxy)methane	9.44	93	374795	42.49	ng		99
29) 2,4-Dichlorophenol	9.62	162	237939	38.59	ng		98
30) 1,2,4-Trichlorobenzene	9.68	180	264623	40.06	ng		99
31) Naphthalene	9.79	128	905879	40.03	ng		99
32) Benzoic acid	9.66	122	102175	26.39	ng		96
33) 4-Chloroaniline	9.94	127	356914	42.32	ng	#	91
34) Hexachlorobutadiene	10.00	225	136134	39.06	ng		96
35) Caprolactam	10.57	113	73159	39.52	ng		90
36) 4-Chloro-3-methylphenol	10.81	107	252538	38.31	ng		89
37) 2-Methylnaphthalene	10.92	142	580792	39.11	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	232717	44.07	ng		99
40) Hexachlorocyclopentadiene	11.17	237	2185	6.97	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	148642	42.16	ng		96
43) 2,4,5-Trichlorophenol	11.54	196	150525	39.72	ng	#	93
45) 1,1'-Biphenyl	11.68	154	637497	44.09	ng		98
46) 2-Chloronaphthalene	11.70	162	492360	42.18	ng		95
47) 2-Nitroaniline	11.93	65	139103	43.53	ng	#	80
48) Acenaphthylene	12.36	152	726600	39.74	ng		98
49) Dimethylphthalate	12.23	163	605199	42.93	ng		99
50) 2,6-Dinitrotoluene	12.33	165	102315	35.58	ng	#	88
51) Acenaphthene	12.64	154	431711	39.53	ng		98
52) 3-Nitroaniline	12.61	138	134967	43.72	ng		91
54) Dibenzofuran	12.93	168	548935	36.32	ng		98
55) 4-Nitrophenol	13.09	139	41214	22.23	ng	#	79
56) 2,4-Dinitrotoluene	13.02	165	119278	32.28	ng		96
57) Fluorene	13.48	166	481300	36.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83570	35.04	ng	#	94
59) Diethylphthalate	13.38	149	549770	40.69	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	223991	38.78	ng		88
61) 4-Nitroaniline	13.62	138	118020	41.65	ng		93
62) Azobenzene	13.77	77	416882	38.40	ng		92
64) 4,6-Dinitro-2-methylphenol	13.71	198	7572	4.15	ng	#	1
65) n-Nitrosodiphenylamine	13.71	169	418819	42.38	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	114861	39.93	ng		97
67) Hexachlorobenzene	14.39	284	115869	39.31	ng	#	91
68) Atrazine	14.64	200	81349	29.16	ng		95
69) Pentachlorophenol	14.75	266	65643	51.50	ng		97
70) Phenanthrene	15.04	178	631888	40.39	ng		97
71) Anthracene	15.12	178	673400	42.14	ng		97
72) Carbazole	15.41	167	617064	42.44	ng		97
73) Di-n-butylphthalate	15.95	149	789299	43.53	ng		98
74) Fluoranthene	16.78	202	715009	44.56	ng		98
76) Benzidine	17.01	184	437680	59.24	ng	#	93
77) Pyrene	17.08	202	779024	39.28	ng		99
79) Butylbenzylphthalate	17.97	149	367945	39.89	ng	#	87
80) Benzo(a)anthracene	18.67	228	615211	39.86	ng		99
81) 3,3'-Dichlorobenzidine	18.64	252	235570	44.20	ng	#	97
82) Chrysene	18.71	228	600133	40.22	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	491134	37.37	ng	#	97
84) Di-n-octyl phthalate	19.48	149	953124	44.23	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	386151m	31.87	ng		
87) Benzo(b)fluoranthene	19.94	252	455413	38.60	ng		98
88) Benzo(k)fluoranthene	19.97	252	533282	46.86	ng		95
89) Benzo(a)pyrene	20.29	252	427536	39.27	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	322677	35.89	ng		97
91) Benzo(g,h,i)perylene	22.07	276	330182	37.42	ng		98

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

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