Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096065.D
Acq On : 21 Jun 2017 3:45
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/21/2017 2:17:37 PM

Quant Time: Jun 21 06:51:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67033	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	260927	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	103057	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	160759	20.00	ng		0.00
75) Chrysene-d12	18.27	240	126943	20.00	ng		0.00
86) Perylene-d12	19.94	264	93105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	374209	88.95	ng		0.00
7) Phenol-d6	6.87	99	420348	83.46	ng		0.00
23) Nitrobenzene-d5	8.22	82	353673	84.18	ng		0.00
41) 2,4,6-Tribromophenol	13.44	330	67561	74.10	ng		0.00
44) 2-Fluorobiphenyl	11.11	172	642337	86.73	ng		0.00
78) Terphenyl-d14	16.93	244	450942	88.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	84232	42.09	ng		89
3) Pyridine	2.12	79	186220	39.59	ng		97
4) n-Nitrosodimethylamine	2.10	42	76739	42.92	ng		83
6) Aniline	6.79	93	271088	41.14	ng		94
8) 2-Chlorophenol	6.99	128	190697	42.63	ng		94
9) Benzaldehyde	6.60	77	132607	39.03	ng		98
10) Phenol	6.89	94	230974	44.21	ng		91
11) bis(2-Chloroethyl)ether	6.94	93	183191	44.26	ng		96
12) 1,3-Dichlorobenzene	7.19	146	210436	41.56	ng		98
13) 1,4-Dichlorobenzene	7.32	146	215836	42.04	ng		97
14) 1,2-Dichlorobenzene	7.55	146	202297	42.74	ng		96
15) Benzyl Alcohol	7.60	79	139107	40.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	238326	40.99	ng		95
17) 2-Methylphenol	7.85	107	156173	41.60	ng		98
18) Hexachloroethane	8.07	117	49547	29.22	ng	#	87
19) n-Nitroso-di-n-propylamine	8.03	70	132676	41.57	ng		94
20) 3+4-Methylphenols	8.10	107	199259	41.82	ng	#	55
22) Acetophenone	7.99	105	260294	42.62	ng	#	84
24) Nitrobenzene	8.25	77	190101	42.36	ng		95
25) Isophorone	8.65	82	316943	40.40	ng	#	94
26) 2-Nitrophenol	8.76	139	78220	33.28	ng		94
27) 2,4-Dimethylphenol	8.92	122	156241	42.84	ng		99
28) bis(2-Chloroethoxy)methane	9.03	93	220155	42.57	ng		99
29) 2,4-Dichlorophenol	9.20	162	145723	41.49	ng		95
30) 1,2,4-Trichlorobenzene	9.26	180	151531	41.46	ng		99
31) Naphthalene	9.36	128	529739	40.45	ng		98
32) Benzoic acid	9.26	122	54573m	26.51	ng		
33) 4-Chloroaniline	9.52	127	211663	41.35	ng	#	93
34) Hexachlorobutadiene	9.58	225	78051	41.33	ng		99
35) Caprolactam	10.16	113	41477	39.68	ng		95
36) 4-Chloro-3-methylphenol	10.40	107	144585	39.32	ng		91
37) 2-Methylnaphthalene	10.49	142	344657	38.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	135034	43.78	ng		98
42) 2,4,6-Trichlorophenol	11.00	196	85513	43.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.11	196	84300	39.97	ng		94
45) 1,1'-Biphenyl	11.26	154	372262	43.83	ng		97
46) 2-Chloronaphthalene	11.27	162	281326	42.39	ng		95
47) 2-Nitroaniline	11.50	65	85846	44.20	ng	#	80
48) Acenaphthylene	11.92	152	443682	39.10	ng		99
49) Dimethylphthalate	11.82	163	333303	42.60	ng		98
50) 2,6-Dinitrotoluene	11.91	165	59357	34.78	ng	#	73
51) Acenaphthene	12.20	154	260175	39.70	ng		99
52) 3-Nitroaniline	12.18	138	88261	44.39	ng		85
54) Dibenzofuran	12.49	168	364224	39.48	ng		99
55) 4-Nitrophenol	12.65	139	34633	32.73	ng	#	82
56) 2,4-Dinitrotoluene	12.59	165	72180	31.31	ng	#	92
57) Fluorene	13.04	166	307080	38.25	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.74	232	51333	35.57	ng	#	94
59) Diethylphthalate	12.95	149	319603	42.44	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	137721	39.45	ng		90
61) 4-Nitroaniline	13.18	138	82381	44.37	ng		93
62) Azobenzene	13.33	77	244937	35.89	ng		92
64) 4,6-Dinitro-2-methylphenol	13.31	198	2165	2.05	ng	#	1
65) n-Nitrosodiphenylamine	13.28	169	252887	43.78	ng		99
66) 4-Bromophenyl-phenylether	13.85	248	73547	44.02	ng		92
67) Hexachlorobenzene	13.94	284	69713	42.34	ng	#	90
68) Atrazine	14.20	200	65903	40.99	ng		96
69) Pentachlorophenol	14.32	266	20268	36.39	ng		95
70) Phenanthrene	14.57	178	384589	41.46	ng		97
71) Anthracene	14.66	178	401564	41.47	ng		98
72) Carbazole	14.97	167	404297	42.84	ng		97
73) Di-n-butylphthalate	15.56	149	463849	46.20	ng		97
74) Fluoranthene	16.37	202	390681	42.55	ng		98
76) Benzidine	16.60	184	247272	50.72	ng	#	93
77) Pyrene	16.67	202	404809	42.74	ng		99
79) Butylbenzylphthalate	17.59	149	183992	44.48	ng	#	85
80) Benzo(a)anthracene	18.26	228	304489	41.26	ng		98
81) 3,3'-Dichlorobenzidine	18.24	252	119236	45.44	ng	#	96
82) Chrysene	18.30	228	293248	39.76	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	262606	45.00	ng		99
84) Di-n-octyl phthalate	19.12	149	425561	44.26	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	209047	33.13	ng		99
87) Benzo(b)fluoranthene	19.54	252	252675	43.34	ng		98
88) Benzo(k)fluoranthene	19.57	252	237613	42.64	ng	#	95
89) Benzo(a)pyrene	19.89	252	219988	41.05	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	182556	40.16	ng		98
91) Benzo(g,h,i)perylene	21.43	276	174545	37.67	ng		97

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

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