Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095006.D
Acq On : 9 May 2017 5:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:03:03 PM

Quant Time: May 09 07:39:20 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	7.71	152	111795	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	454249	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	195405	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	324732	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	226659	20.00	ng		-0.02
86) Perylene-d12	20.30	264	193821	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	525827	78.42	ng		-0.04
7) Phenol-d6	7.25	99	654774	81.38	ng		-0.02
23) Nitrobenzene-d5	8.62	82	573575	79.62	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	127439	79.63	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1107494	81.58	ng		-0.02
78) Terphenyl-d14	17.29	244	820885	79.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	153987	46.82	ng		96
3) Pyridine	2.70	79	306580	40.22	ng		96
4) n-Nitrosodimethylamine	2.64	42	121346	38.20	ng		83
6) Aniline	7.21	93	425353	41.88	ng		95
8) 2-Chlorophenol	7.40	128	312153	40.90	ng		96
9) Benzaldehyde	7.02	77	193104	39.31	ng		99
10) Phenol	7.27	94	345188	40.71	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	273315	39.05	ng		96
12) 1,3-Dichlorobenzene	7.61	146	354004	40.89	ng		98
13) 1,4-Dichlorobenzene	7.74	146	354090	40.33	ng		96
14) 1,2-Dichlorobenzene	7.97	146	328905	40.13	ng		97
15) Benzyl Alcohol	8.00	79	227694	44.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	358256	36.16	ng		51
17) 2-Methylphenol	8.21	107	242043	38.75	ng	#	89
18) Hexachloroethane	8.50	117	103132	34.67	ng	#	88
19) n-Nitroso-di-n-propylamine	8.42	70	210307	38.65	ng		94
20) 3+4-Methylphenols	8.47	107	325952	38.40	ng	#	60
22) Acetophenone	8.38	105	432409	39.68	ng	#	85
24) Nitrobenzene	8.65	77	303987	40.26	ng		92
25) Isophorone	9.05	82	526088	40.90	ng	#	93
26) 2-Nitrophenol	9.15	139	155362	38.13	ng		95
27) 2,4-Dimethylphenol	9.29	122	263820	40.05	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	354485	39.84	ng		97
29) 2,4-Dichlorophenol	9.57	162	263853	42.42	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	266282	39.96	ng		99
31) Naphthalene	9.77	128	893305	39.13	ng		99
32) Benzoic acid	9.60	122	145842	35.23	ng		98
33) 4-Chloroaniline	9.90	127	376083	44.20	ng	#	94
34) Hexachlorobutadiene	9.99	225	132897	37.80	ng		99
35) Caprolactam	10.53	113	80646m	43.18	ng		
36) 4-Chloro-3-methylphenol	10.76	107	244671	36.79	ng		90
37) 2-Methylnaphthalene	10.90	142	563854	37.63	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	233609	38.88	ng		98
40) Hexachlorocyclopentadiene	11.15	237	26354	15.70	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	166350	41.46	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	163560	37.93	ng		94
45) 1,1'-Biphenyl	11.66	154	669809	40.71	ng		98
46) 2-Chloronaphthalene	11.68	162	521451	39.25	ng		96
47) 2-Nitroaniline	11.89	65	155119	42.66	ng	#	79
48) Acenaphthylene	12.34	152	864332	41.54	ng		98
49) Dimethylphthalate	12.21	163	642535	40.05	ng		99
50) 2,6-Dinitrotoluene	12.30	165	137612	42.05	ng		98
51) Acenaphthene	12.62	154	504066	40.56	ng		99
52) 3-Nitroaniline	12.57	138	155594	44.30	ng		87
53) 2,4-Dinitrophenol	12.79	184	17712	15.31	ng	#	68
54) Dibenzofuran	12.91	168	766342	44.56	ng		98
55) 4-Nitrophenol	12.96	139	84397	40.00	ng	#	65
56) 2,4-Dinitrotoluene	12.97	165	179002	42.57	ng	#	92
57) Fluorene	13.46	166	557685	37.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	119031	43.86	ng		97
59) Diethylphthalate	13.36	149	614132	39.94	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	252640	38.44	ng		92
61) 4-Nitroaniline	13.57	138	137254	42.56	ng		96
62) Azobenzene	13.74	77	532771	43.12	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	34798	15.99	ng	#	75
65) n-Nitrosodiphenylamine	13.69	169	491729	41.72	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	146715	42.76	ng		98
67) Hexachlorobenzene	14.35	284	141408	40.22	ng	#	85
68) Atrazine	14.61	200	133497	40.12	ng		97
69) Pentachlorophenol	14.71	266	52627	36.54	ng		99
70) Phenanthrene	15.01	178	759296	40.70	ng		97
71) Anthracene	15.09	178	759524	39.85	ng		97
72) Carbazole	15.37	167	716970	41.35	ng		97
73) Di-n-butylphthalate	15.94	149	933845	43.18	ng		98
74) Fluoranthene	16.75	202	724495	37.85	ng		97
76) Benzidine	16.97	184	338442	54.22	ng		94
77) Pyrene	17.05	202	657729	38.80	ng		99
79) Butylbenzylphthalate	17.95	149	312663	39.65	ng	#	87
80) Benzo(a)anthracene	18.62	228	530735	40.23	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	190513	41.82	ng	#	95
82) Chrysene	18.67	228	501130	39.29	ng		98
83) Bis(2-ethylhexyl)phthalate	18.69	149	450341	40.09	ng	#	99
84) Di-n-octyl phthalate	19.47	149	755117	41.00	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	451152	43.55	ng		100
87) Benzo(b)fluoranthene	19.89	252	472559	39.46	ng		99
88) Benzo(k)fluoranthene	19.92	252	494590	42.81	ng		96
89) Benzo(a)pyrene	20.25	252	450180	40.74	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	376377	41.24	ng		100
91) Benzo(g,h,i)perylene	21.97	276	369942	41.30	ng		100

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

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