Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094978.D
Acq On : 8 May 2017 12:24
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:12 PM

Quant Time: May 08 13:02:37 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	106176	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	446836	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	194019	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	345192	20.00	ng		-0.02
75) Chrysene-d12	18.65	240	304159	20.00	ng		0.00
86) Perylene-d12	20.31	264	250854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	535977	84.16	ng		-0.02
7) Phenol-d6	7.25	99	648025	84.81	ng		-0.02
23) Nitrobenzene-d5	8.62	82	529460	74.72	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	132890	83.63	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1006658	74.68	ng		-0.02
78) Terphenyl-d14	17.30	244	984552	71.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	125003	40.02	ng		94
3) Pyridine	2.74	79	307753	42.51	ng		99
4) n-Nitrosodimethylamine	2.68	42	123974	41.09	ng		81
6) Aniline	7.21	93	402387	41.71	ng		96
8) 2-Chlorophenol	7.40	128	292781	40.39	ng		96
9) Benzaldehyde	7.02	77	182913	39.20	ng		97
10) Phenol	7.27	94	333986	41.48	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	270933	40.76	ng		96
12) 1,3-Dichlorobenzene	7.62	146	330376	40.18	ng		98
13) 1,4-Dichlorobenzene	7.74	146	340047	40.78	ng		98
14) 1,2-Dichlorobenzene	7.98	146	332000	42.65	ng		96
15) Benzyl Alcohol	8.00	79	218615	44.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	385800	41.01	ng		98
17) 2-Methylphenol	8.21	107	252248	42.52	ng	#	92
18) Hexachloroethane	8.50	117	109221	38.67	ng	#	87
19) n-Nitroso-di-n-propylamine	8.42	70	212444	41.11	ng		94
20) 3+4-Methylphenols	8.47	107	310301	38.50	ng	#	59
22) Acetophenone	8.39	105	421919	39.36	ng	#	84
24) Nitrobenzene	8.65	77	274798	37.00	ng		92
25) Isophorone	9.05	82	486339	38.44	ng		95
26) 2-Nitrophenol	9.15	139	161134	40.21	ng		98
27) 2,4-Dimethylphenol	9.29	122	253227	39.08	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	343731	39.27	ng		99
29) 2,4-Dichlorophenol	9.57	162	243327	39.77	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	261517	39.90	ng		97
31) Naphthalene	9.77	128	873090	38.88	ng		99
32) Benzoic acid	9.61	122	153109	37.26	ng		96
33) 4-Chloroaniline	9.90	127	338775	40.48	ng		94
34) Hexachlorobutadiene	9.99	225	137897	39.87	ng		98
35) Caprolactam	10.53	113	74915m	40.78	ng		
36) 4-Chloro-3-methylphenol	10.76	107	245798	37.58	ng		90
37) 2-Methylnaphthalene	10.89	142	557389	37.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	243667	40.84	ng		99
40) Hexachlorocyclopentadiene	11.15	237	80692	35.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	162228	40.72	ng		98
43) 2,4,5-Trichlorophenol	11.47	196	162549	37.96	ng		93
45) 1,1'-Biphenyl	11.67	154	654968	40.10	ng		98
46) 2-Chloronaphthalene	11.68	162	531165	40.27	ng		96
47) 2-Nitroaniline	11.89	65	144680	40.08	ng	#	79
48) Acenaphthylene	12.34	152	832031	40.27	ng		99
49) Dimethylphthalate	12.21	163	590646	37.08	ng		99
50) 2,6-Dinitrotoluene	12.30	165	133268	41.01	ng		98
51) Acenaphthene	12.62	154	448187	36.32	ng		98
52) 3-Nitroaniline	12.57	138	144353	41.39	ng		88
53) 2,4-Dinitrophenol	12.77	184	58015	36.13	ng	#	66
54) Dibenzofuran	12.91	168	668102	39.13	ng		97
55) 4-Nitrophenol	12.96	139	84687	40.43	ng	#	61
56) 2,4-Dinitrotoluene	12.97	165	170787	40.90	ng		96
57) Fluorene	13.46	166	585319	39.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	113030	41.95	ng	#	96
59) Diethylphthalate	13.36	149	594652	38.95	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	257063	39.39	ng		93
61) 4-Nitroaniline	13.57	138	121787	38.04	ng		95
62) Azobenzene	13.74	77	487195	39.71	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	95721	41.36	ng	#	66
65) n-Nitrosodiphenylamine	13.69	169	496988	39.67	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	134960	37.01	ng		97
67) Hexachlorobenzene	14.35	284	142973	38.25	ng	#	89
68) Atrazine	14.61	200	141687	40.05	ng		96
69) Pentachlorophenol	14.71	266	62892	40.35	ng		98
70) Phenanthrene	15.01	178	795210	40.09	ng		99
71) Anthracene	15.09	178	809413	39.95	ng		98
72) Carbazole	15.37	167	748831	40.62	ng		97
73) Di-n-butylphthalate	15.94	149	936658	40.75	ng		98
74) Fluoranthene	16.75	202	808018	39.72	ng		99
76) Benzidine	16.97	184	307763	38.87	ng	#	93
77) Pyrene	17.05	202	852144	37.46	ng		100
79) Butylbenzylphthalate	17.95	149	393634	37.20	ng	#	86
80) Benzo(a)anthracene	18.62	228	629391	35.56	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	218281	35.70	ng	#	96
82) Chrysene	18.69	228	666045	38.91	ng		96
83) Bis(2-ethylhexyl)phthalate	18.70	149	536795	35.61	ng	#	98
84) Di-n-octyl phthalate	19.47	149	903254	36.55	ng		97
85) Indeno(1,2,3-cd)pyrene	21.61	276	490619	35.30	ng		99
87) Benzo(b)fluoranthene	19.90	252	629069	40.58	ng		99
88) Benzo(k)fluoranthene	19.94	252	607418	40.62	ng		96
89) Benzo(a)pyrene	20.25	252	548134	38.32	ng		97
90) Dibenzo(a,h)anthracene	21.62	278	428322	36.26	ng		97
91) Benzo(g,h,i)perylene	21.99	276	374335	32.29	ng		98

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

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