Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095447.D
Acq On : 26 May 2017 5:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/26/2017 1:26:55 PM

Quant Time: May 26 11:42:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101545	20.00	ng		-0.02
21) Naphthalene-d8	9.76	136	405647	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	167765	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	253793	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	204439	20.00	ng		-0.02
86) Perylene-d12	20.36	264	147776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	505976	83.07	ng		-0.03
7) Phenol-d6	7.29	99	587353	80.37	ng		-0.02
23) Nitrobenzene-d5	8.65	82	531034	82.55	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	100263	72.97	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	954372	81.88	ng		-0.02
78) Terphenyl-d14	17.32	244	754923	81.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	109720	36.73	ng		94
3) Pyridine	2.85	79	250162	36.13	ng		100
4) n-Nitrosodimethylamine	2.78	42	96754m	33.53	ng		
6) Aniline	7.25	93	385729	41.81	ng		95
8) 2-Chlorophenol	7.44	128	279606	40.33	ng		96
9) Benzaldehyde	7.07	77	172497	38.66	ng		99
10) Phenol	7.31	94	328104	42.61	ng		89
11) bis(2-Chloroethyl)ether	7.38	93	257369	40.48	ng		97
12) 1,3-Dichlorobenzene	7.65	146	316307	40.22	ng		97
13) 1,4-Dichlorobenzene	7.77	146	323705	40.59	ng		97
14) 1,2-Dichlorobenzene	8.00	146	309271	41.55	ng		97
15) Benzyl Alcohol	8.04	79	200767	42.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	360590	40.07	ng		93
17) 2-Methylphenol	8.25	107	237376	41.84	ng		97
18) Hexachloroethane	8.52	117	86953	32.19	ng	#	86
19) n-Nitroso-di-n-propylamine	8.45	70	200625	40.59	ng		96
20) 3+4-Methylphenols	8.51	107	309685	40.17	ng	#	57
22) Acetophenone	8.42	105	398049	40.90	ng	#	83
24) Nitrobenzene	8.68	77	276562	41.02	ng		94
25) Isophorone	9.08	82	478886	41.69	ng		95
26) 2-Nitrophenol	9.19	139	137077	37.68	ng		96
27) 2,4-Dimethylphenol	9.32	122	247109	42.01	ng		98
28) bis(2-Chloroethoxy)methane	9.44	93	336382	42.33	ng		99
29) 2,4-Dichlorophenol	9.62	162	215546	38.81	ng		99
30) 1,2,4-Trichlorobenzene	9.69	180	242223	40.71	ng		99
31) Naphthalene	9.80	128	820793	40.26	ng		100
32) Benzoic acid	9.65	122	98272	27.83	ng		91
33) 4-Chloroaniline	9.94	127	326100	42.92	ng	#	92
34) Hexachlorobutadiene	10.01	225	125853	40.08	ng		98
35) Caprolactam	10.57	113	67925	40.73	ng	#	84
36) 4-Chloro-3-methylphenol	10.81	107	241478	40.66	ng		90
37) 2-Methylnaphthalene	10.92	142	533196	39.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	216549	41.97	ng		98
40) Hexachlorocyclopentadiene	11.17	237	2657	7.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	141946	41.21	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	135611	36.63	ng		94
45) 1,1'-Biphenyl	11.69	154	613805	43.46	ng		97
46) 2-Chloronaphthalene	11.71	162	478677	41.97	ng		95
47) 2-Nitroaniline	11.94	65	132198	42.35	ng	#	75
48) Acenaphthylene	12.37	152	711774	39.84	ng		98
49) Dimethylphthalate	12.24	163	583048	42.33	ng		99
50) 2,6-Dinitrotoluene	12.34	165	107687	38.33	ng	#	89
51) Acenaphthene	12.65	154	405955	38.05	ng		98
52) 3-Nitroaniline	12.62	138	128203	42.51	ng		90
53) 2,4-Dinitrophenol	12.91	184	1357	7.06	ng	#	60
54) Dibenzofuran	12.94	168	586678	39.73	ng		96
55) 4-Nitrophenol	13.10	139	52270m	28.86	ng		
56) 2,4-Dinitrotoluene	13.02	165	130256	36.08	ng	#	91
57) Fluorene	13.49	166	463675	36.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83992m	36.05	ng		
59) Diethylphthalate	13.38	149	549847	41.65	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	220609	39.10	ng		91
61) 4-Nitroaniline	13.62	138	101331	36.60	ng		95
62) Azobenzene	13.77	77	412086	38.85	ng		94
64) 4,6-Dinitro-2-methylphenol	13.71	198	10889	6.40	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	428610	46.53	ng		99
66) 4-Bromophenyl-phenylether	14.30	248	117689	43.89	ng		99
67) Hexachlorobenzene	14.39	284	113848	41.43	ng	#	91
68) Atrazine	14.64	200	99529	38.27	ng		96
69) Pentachlorophenol	14.77	266	42369	37.47	ng		93
70) Phenanthrene	15.04	178	592042	40.60	ng		97
71) Anthracene	15.12	178	607428	40.78	ng		98
72) Carbazole	15.41	167	532706	39.31	ng		97
73) Di-n-butylphthalate	15.97	149	791403	46.83	ng		98
74) Fluoranthene	16.78	202	593854	39.70	ng		98
76) Benzidine	17.02	184	276978	49.81	ng	#	93
77) Pyrene	17.09	202	616580	40.33	ng		99
79) Butylbenzylphthalate	17.98	149	297262	41.80	ng		90
80) Benzo(a)anthracene	18.67	228	472875	39.74	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	175359	42.67	ng	#	96
82) Chrysene	18.71	228	449056	39.03	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	408742	40.34	ng	#	99
84) Di-n-octyl phthalate	19.49	149	732000	44.06	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	300545m	32.17	ng		
87) Benzo(b)fluoranthene	19.95	252	350594	38.39	ng		99
88) Benzo(k)fluoranthene	19.98	252	410160	46.57	ng		96
89) Benzo(a)pyrene	20.30	252	336624	39.95	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	254141	36.52	ng		96
91) Benzo(g,h,i)perylene	22.08	276	252085	36.91	ng		99

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

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