Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095369.D
Acq On : 24 May 2017 3:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:23 PM

Quant Time: May 24 04:57:25 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	7.75	152	119859	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	499520	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	199331	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	353897	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	208551	20.00	ng		-0.01
86) Perylene-d12	20.36	264	233735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	633101	88.06	ng		-0.02
7) Phenol-d6	7.30	99	731011	84.75	ng		-0.01
23) Nitrobenzene-d5	8.67	82	683459	86.28	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	142734	87.44	ng		-0.01
44) 2-Fluorobiphenyl	11.55	172	1128947	81.52	ng		-0.01
78) Terphenyl-d14	17.33	244	919979	97.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	142238	40.34	ng		92
3) Pyridine	2.88	79	321537	39.35	ng		97
4) n-Nitrosodimethylamine	2.81	42	119739m	35.15	ng		
6) Aniline	7.26	93	495827	45.53	ng		96
8) 2-Chlorophenol	7.45	128	358178	43.77	ng		96
9) Benzaldehyde	7.08	77	192842	36.61	ng		97
10) Phenol	7.32	94	351477	38.67	ng		89
11) bis(2-Chloroethyl)ether	7.39	93	314437	41.90	ng		96
12) 1,3-Dichlorobenzene	7.65	146	410998	44.28	ng		97
13) 1,4-Dichlorobenzene	7.78	146	415707	44.16	ng		96
14) 1,2-Dichlorobenzene	8.01	146	387141	44.06	ng		96
15) Benzyl Alcohol	8.05	79	266127	47.97	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	412786	38.87	ng		95
17) 2-Methylphenol	8.25	107	283110	42.28	ng		99
18) Hexachloroethane	8.52	117	136105	42.68	ng	#	83
19) n-Nitroso-di-n-propylamine	8.47	70	257345	44.11	ng		94
20) 3+4-Methylphenols	8.51	107	393840	43.28	ng	#	59
22) Acetophenone	8.43	105	496827	41.45	ng	#	84
24) Nitrobenzene	8.69	77	354407	42.68	ng		94
25) Isophorone	9.10	82	643998	45.53	ng		95
26) 2-Nitrophenol	9.20	139	200067	44.65	ng		99
27) 2,4-Dimethylphenol	9.33	122	321035	44.32	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	435607	44.52	ng		100
29) 2,4-Dichlorophenol	9.62	162	291721	42.65	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	312115	42.59	ng		98
31) Naphthalene	9.81	128	1063295	42.35	ng		100
32) Benzoic acid	9.67	122	165993	36.29	ng		93
33) 4-Chloroaniline	9.95	127	418908	44.77	ng	#	92
34) Hexachlorobutadiene	10.02	225	161027	41.65	ng		100
35) Caprolactam	10.59	113	72499m	35.30	ng		
36) 4-Chloro-3-methylphenol	10.81	107	279262	38.19	ng		89
37) 2-Methylnaphthalene	10.93	142	626730	38.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	260752	42.54	ng		99
40) Hexachlorocyclopentadiene	11.18	237	59270	27.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	176714	43.18	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	169345	38.50	ng	#	94
45) 1,1'-Biphenyl	11.70	154	721817	43.01	ng		98
46) 2-Chloronaphthalene	11.72	162	571703	42.19	ng		95
47) 2-Nitroaniline	11.94	65	159785	43.08	ng	#	77
48) Acenaphthylene	12.37	152	880503	41.48	ng		98
49) Dimethylphthalate	12.25	163	678684	41.47	ng		99
50) 2,6-Dinitrotoluene	12.35	165	143869	43.09	ng		97
51) Acenaphthene	12.66	154	526590	41.54	ng		99
52) 3-Nitroaniline	12.62	138	153615	42.87	ng		87
53) 2,4-Dinitrophenol	12.85	184	44154	28.38	ng	#	70
54) Dibenzofuran	12.95	168	792524	45.17	ng		96
55) 4-Nitrophenol	13.04	139	79370	36.88	ng	#	79
56) 2,4-Dinitrotoluene	13.02	165	204217	47.61	ng		93
57) Fluorene	13.50	166	660898	43.32	ng		97
58) 2,3,4,6-Tetrachlorophenol	13.19	232	120723	43.61	ng	#	95
59) Diethylphthalate	13.39	149	714166	45.53	ng		98
60) 4-Chlorophenyl-phenylether	13.52	204	299860	44.73	ng		88
61) 4-Nitroaniline	13.62	138	126665	38.51	ng		95
62) Azobenzene	13.78	77	569084	45.15	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	78809	33.22	ng	#	71
65) n-Nitrosodiphenylamine	13.73	169	572124	44.54	ng		99
66) 4-Bromophenyl-phenylether	14.31	248	170444	45.59	ng		99
67) Hexachlorobenzene	14.40	284	168786	44.05	ng	#	88
68) Atrazine	14.65	200	163339	45.04	ng		97
69) Pentachlorophenol	14.76	266	75244	46.11	ng		97
70) Phenanthrene	15.05	178	881581	43.36	ng		98
71) Anthracene	15.13	178	904353	43.54	ng		99
72) Carbazole	15.41	167	791839	41.90	ng		97
73) Di-n-butylphthalate	15.97	149	1096441	46.52	ng		98
74) Fluoranthene	16.79	202	752572	36.08	ng		99
76) Benzidine	17.02	184	270902	48.03	ng	#	93
77) Pyrene	17.09	202	748466m	47.99	ng		
79) Butylbenzylphthalate	17.99	149	357747	49.31	ng		94
80) Benzo(a)anthracene	18.67	228	507942	41.85	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	173915	41.49	ng	#	95
82) Chrysene	18.72	228	522710	44.54	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	494820	47.87	ng	#	100
84) Di-n-octyl phthalate	19.50	149	760888	44.90	ng		97
85) Indeno(1,2,3-cd)pyrene	21.68	276	512277	53.75	ng		99
87) Benzo(b)fluoranthene	19.95	252	514156	35.60	ng		99
88) Benzo(k)fluoranthene	19.98	252	603169	43.30	ng		95
89) Benzo(a)pyrene	20.30	252	558842	41.93	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	452127	41.08	ng		99
91) Benzo(g,h,i)perylene	22.07	276	433748	40.16	ng		98

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

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