Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094839.D
Acq On : 3 May 2017 17:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2017 3:34:36 PM

Quant Time: May 04 01:25:34 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	7.72	152	99292	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	429754	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	196399	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	350036	20.00	ng		0.00
75) Chrysene-d12	18.64	240	291973	20.00	ng		-0.01
86) Perylene-d12	20.30	264	236259	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	485314	81.49	ng		0.00
7) Phenol-d6	7.27	99	591805	82.82	ng		-0.01
23) Nitrobenzene-d5	8.63	82	547906	80.40	ng		0.00
41) 2,4,6-Tribromophenol	13.87	330	133638	83.09	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1118707	81.99	ng		0.00
78) Terphenyl-d14	17.30	244	920048	69.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	151330m	51.81	ng		
3) Pyridine	2.76	79	288259	42.58	ng		99
4) n-Nitrosodimethylamine	2.70	42	115256	40.85	ng		86
6) Aniline	7.22	93	392537	43.51	ng		97
8) 2-Chlorophenol	7.41	128	285134	42.06	ng		96
9) Benzaldehyde	7.03	77	167284	38.34	ng		97
10) Phenol	7.29	94	316063	41.97	ng		88
11) bis(2-Chloroethyl)ether	7.36	93	250962	40.37	ng		96
12) 1,3-Dichlorobenzene	7.63	146	309090	40.20	ng		99
13) 1,4-Dichlorobenzene	7.75	146	317363	40.70	ng		97
14) 1,2-Dichlorobenzene	7.99	146	304257	41.80	ng		95
15) Benzyl Alcohol	8.01	79	225716	49.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	343108	39.00	ng	#	43
17) 2-Methylphenol	8.22	107	227627	41.03	ng	#	90
18) Hexachloroethane	8.51	117	110079	41.67	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	203666	42.14	ng		96
20) 3+4-Methylphenols	8.47	107	318032	42.19	ng	#	58
22) Acetophenone	8.40	105	419970	40.73	ng	#	84
24) Nitrobenzene	8.65	77	287198	40.20	ng		94
25) Isophorone	9.05	82	524039	43.06	ng		96
26) 2-Nitrophenol	9.16	139	163677	42.46	ng		97
27) 2,4-Dimethylphenol	9.30	122	260462	41.79	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	337802	40.13	ng		99
29) 2,4-Dichlorophenol	9.57	162	251354	42.72	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	251287	39.86	ng		99
31) Naphthalene	9.78	128	847066	39.22	ng		99
32) Benzoic acid	9.60	122	160034	40.05	ng		96
33) 4-Chloroaniline	9.91	127	350706	43.57	ng		95
34) Hexachlorobutadiene	10.00	225	127548	38.34	ng		96
35) Caprolactam	10.53	113	78671m	44.52	ng		
36) 4-Chloro-3-methylphenol	10.77	107	255726	40.65	ng		91
37) 2-Methylnaphthalene	10.91	142	596376	42.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	241738	40.02	ng		98
40) Hexachlorocyclopentadiene	11.17	237	92324	39.66	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	165073	40.93	ng		100
43) 2,4,5-Trichlorophenol	11.48	196	169498	39.11	ng	#	91
45) 1,1'-Biphenyl	11.67	154	664729	40.20	ng		97
46) 2-Chloronaphthalene	11.69	162	517097	38.73	ng		96
47) 2-Nitroaniline	11.90	65	147268	40.30	ng	#	79
48) Acenaphthylene	12.35	152	844987	40.40	ng		98
49) Dimethylphthalate	12.22	163	614775	38.13	ng		98
50) 2,6-Dinitrotoluene	12.31	165	135219	41.11	ng		95
51) Acenaphthene	12.63	154	497399	39.82	ng		99
52) 3-Nitroaniline	12.57	138	147220	41.70	ng		90
53) 2,4-Dinitrophenol	12.77	184	69467	41.60	ng	#	66
54) Dibenzofuran	12.92	168	757619	43.83	ng		98
55) 4-Nitrophenol	12.95	139	94773	44.69	ng	#	77
56) 2,4-Dinitrotoluene	12.97	165	182068	43.08	ng	#	88
57) Fluorene	13.47	166	600806	39.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	123769	45.37	ng	#	95
59) Diethylphthalate	13.37	149	583685	37.77	ng		98
60) 4-Chlorophenyl-phenylether	13.50	204	262393	39.72	ng		88
61) 4-Nitroaniline	13.57	138	135830	41.91	ng		96
62) Azobenzene	13.75	77	546389	44.00	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	96753	41.23	ng	#	71
65) n-Nitrosodiphenylamine	13.71	169	486293	38.28	ng		100
66) 4-Bromophenyl-phenylether	14.28	248	151046	40.84	ng		99
67) Hexachlorobenzene	14.37	284	144785	38.20	ng	#	89
68) Atrazine	14.62	200	149153	41.58	ng		98
69) Pentachlorophenol	14.71	266	63151	40.02	ng		95
70) Phenanthrene	15.02	178	820473	40.80	ng		98
71) Anthracene	15.09	178	841901	40.98	ng		99
72) Carbazole	15.38	167	788805	42.20	ng		97
73) Di-n-butylphthalate	15.95	149	904180	38.79	ng		99
74) Fluoranthene	16.75	202	846532	41.03	ng		99
76) Benzidine	16.97	184	355912	45.47	ng	#	94
77) Pyrene	17.05	202	819750	37.54	ng		99
79) Butylbenzylphthalate	17.96	149	388481	38.25	ng	#	85
80) Benzo(a)anthracene	18.63	228	690317	40.62	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	236090	40.23	ng	#	97
82) Chrysene	18.68	228	622496	37.89	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	547834	37.86	ng	#	100
84) Di-n-octyl phthalate	19.48	149	885696	37.33	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	498236	37.34	ng		99
87) Benzo(b)fluoranthene	19.90	252	594647	40.73	ng		99
88) Benzo(k)fluoranthene	19.93	252	580037	41.19	ng	#	95
89) Benzo(a)pyrene	20.25	252	547272	40.63	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	414902	37.29	ng		97
91) Benzo(g,h,i)perylene	21.97	276	416027	38.11	ng		99

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

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