Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094862.D
Acq On : 4 May 2017 7:13
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:27 PM

Quant Time: May 04 07:59:02 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	146257	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	574377	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	244077	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	402490	20.00	ng		0.00
75) Chrysene-d12	18.65	240	294589	20.00	ng		0.00
86) Perylene-d12	20.31	264	252581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	731341	83.37	ng		-0.01
7) Phenol-d6	7.28	99	869472	82.60	ng		0.00
23) Nitrobenzene-d5	8.63	82	765068	83.99	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	160684	80.39	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1350869	79.66	ng		0.00
78) Terphenyl-d14	17.31	244	1094866	81.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	167434	38.92	ng		93
3) Pyridine	2.73	79	404912	40.61	ng		97
4) n-Nitrosodimethylamine	2.68	42	165129	39.73	ng		88
6) Aniline	7.23	93	562136	42.30	ng		96
8) 2-Chlorophenol	7.42	128	397657	39.83	ng		96
9) Benzaldehyde	7.03	77	250580	38.99	ng		98
10) Phenol	7.30	94	459559	41.43	ng		88
11) bis(2-Chloroethyl)ether	7.37	93	353329	38.59	ng		96
12) 1,3-Dichlorobenzene	7.63	146	453427	40.03	ng		98
13) 1,4-Dichlorobenzene	7.75	146	446837	38.90	ng		97
14) 1,2-Dichlorobenzene	7.99	146	420764	39.24	ng		96
15) Benzyl Alcohol	8.01	79	290367	42.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	511571	39.47	ng		66
17) 2-Methylphenol	8.22	107	336292	41.15	ng		96
18) Hexachloroethane	8.51	117	139886	35.95	ng	#	85
19) n-Nitroso-di-n-propylamine	8.44	70	295748	41.55	ng		94
20) 3+4-Methylphenols	8.48	107	460126	41.44	ng	#	63
22) Acetophenone	8.40	105	585678	42.50	ng	#	84
24) Nitrobenzene	8.66	77	389631	40.81	ng		95
25) Isophorone	9.06	82	672946	41.38	ng		95
26) 2-Nitrophenol	9.16	139	208525	40.48	ng		95
27) 2,4-Dimethylphenol	9.30	122	332361	39.90	ng		99
28) bis(2-Chloroethoxy)methane	9.43	93	448664	39.88	ng		100
29) 2,4-Dichlorophenol	9.58	162	322496	41.01	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	336165	39.90	ng		98
31) Naphthalene	9.78	128	1130635	39.17	ng		100
32) Benzoic acid	9.63	122	215822	40.37	ng		94
33) 4-Chloroaniline	9.91	127	445127	41.38	ng		94
34) Hexachlorobutadiene	10.00	225	164989	37.11	ng		97
35) Caprolactam	10.55	113	101341m	42.91	ng		
36) 4-Chloro-3-methylphenol	10.78	107	344045	40.92	ng		90
37) 2-Methylnaphthalene	10.91	142	741988	39.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	305042	40.64	ng		99
40) Hexachlorocyclopentadiene	11.17	237	30520	15.00	ng		96

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	211124	42.13	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	228197	42.37	ng		92
45) 1,1'-Biphenyl	11.68	154	837240	40.74	ng		98
46) 2-Chloronaphthalene	11.69	162	655032	39.48	ng		95
47) 2-Nitroaniline	11.90	65	192939	42.48	ng	#	81
48) Acenaphthylene	12.35	152	1028416	39.57	ng		99
49) Dimethylphthalate	12.22	163	844617	42.15	ng		99
50) 2,6-Dinitrotoluene	12.31	165	168151	41.13	ng		94
51) Acenaphthene	12.64	154	607387	39.13	ng		98
52) 3-Nitroaniline	12.58	138	185678	42.32	ng		89
53) 2,4-Dinitrophenol	12.78	184	38952	22.20	ng	#	68
54) Dibenzofuran	12.92	168	867536	40.38	ng		99
55) 4-Nitrophenol	12.95	139	109675	41.62	ng	#	76
56) 2,4-Dinitrotoluene	12.97	165	206666	39.34	ng	#	89
57) Fluorene	13.48	166	726743	38.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	144159	42.53	ng	#	95
59) Diethylphthalate	13.37	149	785593	40.90	ng		99
60) 4-Chlorophenyl-phenylether	13.50	204	317596	38.69	ng		91
61) 4-Nitroaniline	13.58	138	161462	40.09	ng		98
62) Azobenzene	13.76	77	614111	39.79	ng		93
64) 4,6-Dinitro-2-methylphenol	13.64	198	66145	24.51	ng	#	67
65) n-Nitrosodiphenylamine	13.71	169	625646	42.83	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	169499	39.86	ng		96
67) Hexachlorobenzene	14.37	284	167381	38.41	ng	#	87
68) Atrazine	14.62	200	167553	40.62	ng		94
69) Pentachlorophenol	14.71	266	76116	41.66	ng		99
70) Phenanthrene	15.02	178	906187	39.18	ng		99
71) Anthracene	15.10	178	923849	39.11	ng		99
72) Carbazole	15.38	167	831298	38.68	ng		98
73) Di-n-butylphthalate	15.95	149	1156145	43.13	ng		98
74) Fluoranthene	16.75	202	884485	37.28	ng		98
76) Benzidine	16.97	184	288215	37.80	ng		95
77) Pyrene	17.06	202	915713	41.56	ng		99
79) Butylbenzylphthalate	17.97	149	445125	43.44	ng		89
80) Benzo(a)anthracene	18.63	228	669860	39.07	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	240945	40.69	ng	#	95
82) Chrysene	18.68	228	656506	39.60	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	576592	39.49	ng	#	99
84) Di-n-octyl phthalate	19.48	149	1004259	41.95	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	525398	39.03	ng		99
87) Benzo(b)fluoranthene	19.90	252	642126	41.14	ng		98
88) Benzo(k)fluoranthene	19.94	252	586950m	38.99	ng		
89) Benzo(a)pyrene	20.25	252	551160	38.27	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	460630	38.73	ng		98
91) Benzo(g,h,i)perylene	21.97	276	437157	37.45	ng		97

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

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