Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092934.D
Acq On : 14 Feb 2017 10:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/15/2017 9:05:19 AM

Quant Time: Feb 14 12:22:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	151783m	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	619450	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	329047	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	568551	20.00	ng		0.00
75) Chrysene-d12	14.04	240	436127	20.00	ng		-0.01
86) Perylene-d12	15.47	264	367839	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	695609	78.63	ng		-0.01
7) Phenol-d6	6.52	99	944610	82.98	ng		-0.01
23) Nitrobenzene-d5	7.45	82	860758	77.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	188299	79.12	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1377741	75.86	ng		0.00
78) Terphenyl-d14	12.98	244	1424264	76.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	193033	40.38	ng	#	85
3) Pyridine	3.21	79	493769	40.62	ng		88
4) n-Nitrosodimethylamine	3.16	42	215259	37.71	ng		88
6) Aniline	6.54	93	658835m	42.43	ng		
8) 2-Chlorophenol	6.67	128	402751	41.26	ng		91
9) Benzaldehyde	6.43	77	309805	37.99	ng		98
10) Phenol	6.53	94	583087	43.78	ng		86
11) bis(2-Chloroethyl)ether	6.61	93	414260	38.97	ng		90
12) 1,3-Dichlorobenzene	6.82	146	452131m	39.55	ng		
13) 1,4-Dichlorobenzene	6.90	146	481590	41.62	ng		97
14) 1,2-Dichlorobenzene	7.06	146	432970	39.13	ng	#	94
15) Benzyl Alcohol	7.02	79	311490	36.96	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	755385	40.90	ng		93
17) 2-Methylphenol	7.15	107	360699	43.08	ng		96
18) Hexachloroethane	7.39	117	156084	39.52	ng	#	85
19) n-Nitroso-di-n-propylamine	7.30	70	270231	37.29	ng		95
20) 3+4-Methylphenols	7.30	107	388077	38.76	ng	#	80
22) Acetophenone	7.30	105	539128	38.12	ng	#	93
24) Nitrobenzene	7.47	77	472458	41.36	ng		98
25) Isophorone	7.71	82	826611	39.88	ng		96
26) 2-Nitrophenol	7.79	139	232433	42.81	ng	#	81
27) 2,4-Dimethylphenol	7.82	122	356383	37.37	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	504840	36.77	ng		98
29) 2,4-Dichlorophenol	8.03	162	359795	40.46	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	373084	38.93	ng		96
31) Naphthalene	8.19	128	1199125	38.19	ng		99
32) Benzoic acid	7.96	122	178273	35.24	ng		91
33) 4-Chloroaniline	8.24	127	468343	38.03	ng	#	94
34) Hexachlorobutadiene	8.30	225	193331	36.67	ng		100
35) Caprolactam	8.61	113	114979	41.10	ng	#	28
36) 4-Chloro-3-methylphenol	8.73	107	381951	41.19	ng		94
37) 2-Methylnaphthalene	8.88	142	733072	36.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	382965	41.46	ng		99
40) Hexachlorocyclopentadiene	9.04	237	150086	36.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	241309	39.76	ng		93
43) 2,4,5-Trichlorophenol	9.20	196	256029	38.50	ng		94
45) 1,1'-Biphenyl	9.34	154	1008044	42.31	ng		99
46) 2-Chloronaphthalene	9.37	162	755893	40.55	ng		98
47) 2-Nitroaniline	9.47	65	247858	39.55	ng	#	61
48) Acenaphthylene	9.78	152	1177128	36.56	ng		98
49) Dimethylphthalate	9.64	163	836057	37.72	ng		98
50) 2,6-Dinitrotoluene	9.71	165	221884	46.36	ng		96
51) Acenaphthene	9.95	154	721755	37.49	ng		97
52) 3-Nitroaniline	9.88	138	253595	46.30	ng	#	79
53) 2,4-Dinitrophenol	9.98	184	111105	47.66	ng	#	82
54) Dibenzofuran	10.12	168	936876	36.39	ng		96
55) 4-Nitrophenol	10.04	139	161671	40.98	ng		91
56) 2,4-Dinitrotoluene	10.11	165	255196	40.05	ng		95
57) Fluorene	10.46	166	753988	38.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	190989	43.05	ng		94
59) Diethylphthalate	10.34	149	806862	38.63	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	347509	36.52	ng		96
61) 4-Nitroaniline	10.49	138	215047	38.33	ng		93
62) Azobenzene	10.61	77	842150	39.03	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	161025	46.61	ng		94
65) n-Nitrosodiphenylamine	10.58	169	712672	39.24	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	214374	36.09	ng		99
67) Hexachlorobenzene	11.01	284	224049	38.17	ng	#	94
68) Atrazine	11.10	200	217887	37.38	ng		98
69) Pentachlorophenol	11.21	266	128385	45.76	ng		98
70) Phenanthrene	11.42	178	1141619	35.05	ng		98
71) Anthracene	11.48	178	1326326	40.55	ng		98
72) Carbazole	11.63	167	1126112	36.01	ng		99
73) Di-n-butylphthalate	11.96	149	1374950	40.66	ng	#	97
74) Fluoranthene	12.61	202	1311587	39.04	ng		95
76) Benzidine	12.74	184	706617	38.02	ng		96
77) Pyrene	12.84	202	1354287	41.49	ng		99
79) Butylbenzylphthalate	13.46	149	582981	43.99	ng	#	78
80) Benzo(a)anthracene	14.03	228	1036474	38.86	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	389516	40.97	ng		99
82) Chrysene	14.07	228	1062042	42.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	732301	40.40	ng		99
84) Di-n-octyl phthalate	14.63	149	1288284	43.65	ng		100
85) Indeno(1,2,3-cd)pyrene	16.89	276	721101	37.28	ng		95
87) Benzo(b)fluoranthene	15.06	252	916525	37.86	ng		98
88) Benzo(k)fluoranthene	15.08	252	855390m	40.92	ng		
89) Benzo(a)pyrene	15.41	252	826351	39.46	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	621706	36.73	ng		97
91) Benzo(g,h,i)perylene	17.31	276	619760	36.25	ng	#	90

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

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