Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092038.D
Acq On : 29 Dec 2016 21:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:47 AM

Quant Time: Dec 30 00:27:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	227017	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	1005635	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	429951	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	690641	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	539097	20.00	ng		-0.02
86) Perylene-d12	15.23	264	464587	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1025439	75.42	ng		-0.03
7) Phenol-d6	6.36	99	1256445	75.69	ng		-0.02
23) Nitrobenzene-d5	7.26	82	1166713	64.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	263159	73.96	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	1843354	88.35	ng		-0.02
78) Terphenyl-d14	12.80	244	1625701	73.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	150012	22.41	ng		97
3) Pyridine	2.82	79	751761	32.18	ng		99
4) n-Nitrosodimethylamine	2.78	42	280237	31.80	ng		97
6) Aniline	6.36	93	776922	36.04	ng	#	61
8) 2-Chlorophenol	6.49	128	593962	38.41	ng		86
9) Benzaldehyde	6.24	77	379664	40.12	ng		97
10) Phenol	6.37	94	831476	43.96	ng	#	68
11) bis(2-Chloroethyl)ether	6.43	93	577659	38.38	ng		97
12) 1,3-Dichlorobenzene	6.64	146	625299	37.87	ng		98
13) 1,4-Dichlorobenzene	6.70	146	608078	36.19	ng		99
14) 1,2-Dichlorobenzene	6.86	146	593853	40.73	ng		98
15) Benzyl Alcohol	6.85	79	493142	38.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	844336	37.67	ng	#	22
17) 2-Methylphenol	6.98	107	487098	39.16	ng		94
18) Hexachloroethane	7.21	117	239704	38.48	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	411048	37.22	ng		99
20) 3+4-Methylphenols	7.13	107	646088	43.55	ng	#	71
22) Acetophenone	7.12	105	904332	36.46	ng	#	89
24) Nitrobenzene	7.29	77	709859	36.85	ng	#	87
25) Isophorone	7.53	82	1180649	35.38	ng		98
26) 2-Nitrophenol	7.60	139	316540	33.32	ng		95
27) 2,4-Dimethylphenol	7.65	122	506310	32.14	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	794085	39.25	ng		99
29) 2,4-Dichlorophenol	7.85	162	486288	36.45	ng		87
30) 1,2,4-Trichlorobenzene	7.93	180	571866	39.12	ng		97
31) Naphthalene	8.01	128	1857222	40.35	ng		99
32) Benzoic acid	7.80	122	389666	33.35	ng		98
33) 4-Chloroaniline	8.06	127	763898	36.81	ng	#	93
34) Hexachlorobutadiene	8.12	225	296390	38.41	ng		100
35) Caprolactam	8.44	113	157177	35.85	ng	#	67
36) 4-Chloro-3-methylphenol	8.56	107	525406	34.23	ng		98
37) 2-Methylnaphthalene	8.69	142	1151789	39.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	528317	48.64	ng		100
40) Hexachlorocyclopentadiene	8.85	237	189695	41.24	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	328717	43.27	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	336845	43.08	ng		97
45) 1,1'-Biphenyl	9.16	154	1218300	41.38	ng		98
46) 2-Chloronaphthalene	9.18	162	943533	40.47	ng		99
47) 2-Nitroaniline	9.29	65	333463	40.17	ng		93
48) Acenaphthylene	9.60	152	1425476	39.76	ng		99
49) Dimethylphthalate	9.47	163	1055984	38.40	ng		99
50) 2,6-Dinitrotoluene	9.53	165	213193	35.42	ng	#	66
51) Acenaphthene	9.77	154	893782	36.77	ng		99
52) 3-Nitroaniline	9.70	138	264649	35.53	ng		98
53) 2,4-Dinitrophenol	9.80	184	75499	22.54	ng	#	45
54) Dibenzofuran	9.94	168	1196800	36.46	ng		100
55) 4-Nitrophenol	9.88	139	182916	36.17	ng		100
56) 2,4-Dinitrotoluene	9.93	165	271803	35.98	ng	#	79
57) Fluorene	10.28	166	1000311	41.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	251887	40.74	ng		99
59) Diethylphthalate	10.17	149	1121471	41.99	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	402819	38.52	ng		96
61) 4-Nitroaniline	10.32	138	308907	40.02	ng		96
62) Azobenzene	10.43	77	1099970	37.41	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	140768	33.71	ng	#	47
65) n-Nitrosodiphenylamine	10.40	169	797235	38.90	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	278785	38.80	ng		99
67) Hexachlorobenzene	10.83	284	314266	40.92	ng		93
68) Atrazine	10.93	200	267702	40.50	ng		96
69) Pentachlorophenol	11.02	266	142921	37.93	ng		98
70) Phenanthrene	11.24	178	1451351	38.76	ng		98
71) Anthracene	11.29	178	1377494	39.93	ng		99
72) Carbazole	11.45	167	1225478	36.73	ng		99
73) Di-n-butylphthalate	11.79	149	1748507	49.70	ng	#	97
74) Fluoranthene	12.42	202	1367717	41.32	ng		98
76) Benzidine	12.54	184	504551	34.80	ng		100
77) Pyrene	12.65	202	1494214	37.78	ng		99
79) Butylbenzylphthalate	13.28	149	705719	39.23	ng		98
80) Benzo(a)anthracene	13.84	228	1217955	40.02	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	420268	36.42	ng		97
82) Chrysene	13.87	228	1045731	34.26	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	925672	43.69	ng		99
84) Di-n-octyl phthalate	14.45	149	1793762	45.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.53	276	1016970	38.46	ng		99
87) Benzo(b)fluoranthene	14.84	252	1029226m	35.58	ng		
88) Benzo(k)fluoranthene	14.88	252	1102469m	44.70	ng		
89) Benzo(a)pyrene	15.17	252	980123	38.18	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	858329	40.68	ng		99
91) Benzo(g,h,i)perylene	16.92	276	894982	40.79	ng	#	96

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

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