Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090286.D
Acq On : 29 Sep 2016 10:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/30/2016 3:59:56 PM

Quant Time: Sep 29 14:16:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	143154	20.00	ng		-0.02
21) Naphthalene-d8	7.75	136	572583	20.00	ng		-0.02
38) Acenaphthene-d10	9.50	164	309236	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	493259	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	381199	20.00	ng		-0.01
86) Perylene-d12	14.90	264	377971	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	696406	79.29	ng		-0.01
7) Phenol-d6	6.12	99	863818	79.64	ng		-0.01
23) Nitrobenzene-d5	7.04	82	751844	76.12	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	216086	81.45	ng		-0.01
44) 2-Fluorobiphenyl	8.83	172	1232033	78.22	ng		-0.02
78) Terphenyl-d14	12.55	244	1081861	72.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	152562	32.02	ng		97
3) Pyridine	2.42	79	404349	39.13	ng		98
4) n-Nitrosodimethylamine	2.39	42	123044	39.90	ng		92
6) Aniline	6.12	93	547970	40.53	ng	#	81
8) 2-Chlorophenol	6.24	128	375060	37.12	ng		96
9) Benzaldehyde	6.00	77	208336	44.08	ng		92
10) Phenol	6.14	94	542983	42.35	ng	#	68
11) bis(2-Chloroethyl)ether	6.20	93	373949	37.40	ng		99
12) 1,3-Dichlorobenzene	6.40	146	413240	39.14	ng		98
13) 1,4-Dichlorobenzene	6.48	146	419772	38.94	ng		99
14) 1,2-Dichlorobenzene	6.63	146	329261m	34.29	ng		
15) Benzyl Alcohol	6.63	79	271480	41.97	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.76	45	460451	38.54	ng		96
17) 2-Methylphenol	6.75	107	323754	40.67	ng	#	92
18) Hexachloroethane	6.97	117	145040	37.73	ng		97
19) n-Nitroso-di-n-propylamine	6.90	70	256163	40.20	ng		97
20) 3+4-Methylphenols	6.91	107	416571	43.59	ng		97
22) Acetophenone	6.89	105	553087	40.06	ng	#	98
24) Nitrobenzene	7.06	77	403790	39.23	ng	#	77
25) Isophorone	7.30	82	761718	36.91	ng		98
26) 2-Nitrophenol	7.37	139	196181	38.71	ng		93
27) 2,4-Dimethylphenol	7.44	122	360693	40.06	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	485156	38.87	ng		99
29) 2,4-Dichlorophenol	7.62	162	315602	39.96	ng		92
30) 1,2,4-Trichlorobenzene	7.70	180	313036	39.68	ng		97
31) Naphthalene	7.77	128	1005189	36.87	ng		99
32) Benzoic acid	7.60	122	269686	43.63	ng		97
33) 4-Chloroaniline	7.84	127	453525	40.10	ng	#	91
34) Hexachlorobutadiene	7.90	225	159060	38.22	ng		98
35) Caprolactam	8.23	113	101537	38.84	ng		100
36) 4-Chloro-3-methylphenol	8.33	107	353019	39.55	ng		98
37) 2-Methylnaphthalene	8.47	142	705866	41.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	287454	40.50	ng		97
40) Hexachlorocyclopentadiene	8.63	237	138992	39.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	210112	41.54	ng		99
43) 2,4,5-Trichlorophenol	8.80	196	205334	39.20	ng		97
45) 1,1'-Biphenyl	8.94	154	908464	41.06	ng		96
46) 2-Chloronaphthalene	8.95	162	588888	36.08	ng		98
47) 2-Nitroaniline	9.05	65	186424	37.88	ng	#	79
48) Acenaphthylene	9.36	152	1002829	37.83	ng		99
49) Dimethylphthalate	9.24	163	749960	38.08	ng		98
50) 2,6-Dinitrotoluene	9.30	165	153769	35.03	ng		95
51) Acenaphthene	9.53	154	571547	36.33	ng		99
52) 3-Nitroaniline	9.47	138	204389	39.71	ng	#	80
53) 2,4-Dinitrophenol	9.58	184	97578	41.32	ng		93
54) Dibenzofuran	9.70	168	782362	37.79	ng		95
55) 4-Nitrophenol	9.64	139	133850	37.96	ng	#	80
56) 2,4-Dinitrotoluene	9.70	165	181804	35.02	ng		93
57) Fluorene	10.04	166	659378	42.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	152883	38.99	ng		98
59) Diethylphthalate	9.94	149	711184	37.39	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	276077	38.80	ng		88
61) 4-Nitroaniline	10.08	138	197523	37.65	ng		87
62) Azobenzene	10.20	77	783535	39.57	ng		92
64) 4,6-Dinitro-2-methylphenol	10.11	198	133556	43.23	ng		90
65) n-Nitrosodiphenylamine	10.17	169	645649	39.80	ng		100
66) 4-Bromophenyl-phenylether	10.52	248	176312	36.32	ng	#	83
67) Hexachlorobenzene	10.58	284	206523	36.51	ng	#	82
68) Atrazine	10.71	200	184772	41.57	ng		96
69) Pentachlorophenol	10.79	266	128420	39.99	ng		99
70) Phenanthrene	10.99	178	961293	41.67	ng		99
71) Anthracene	11.04	178	872515	36.06	ng		99
72) Carbazole	11.20	167	917889	35.89	ng		98
73) Di-n-butylphthalate	11.55	149	1087297	36.56	ng		100
74) Fluoranthene	12.17	202	916821	37.03	ng		89
76) Benzidine	12.30	184	468700	36.73	ng		97
77) Pyrene	12.39	202	892544	34.22	ng		100
79) Butylbenzylphthalate	13.04	149	495151	38.81	ng		92
80) Benzo(a)anthracene	13.58	228	786653	38.36	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	347082	41.04	ng	#	98
82) Chrysene	13.61	228	730196	36.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	605444	37.08	ng		98
84) Di-n-octyl phthalate	14.21	149	1139756	40.52	ng		99
85) Indeno(1,2,3-cd)pyrene	16.05	276	742464	45.96	ng		97
87) Benzo(b)fluoranthene	14.56	252	722920m	34.54	ng		
88) Benzo(k)fluoranthene	14.59	252	827344m	42.12	ng		
89) Benzo(a)pyrene	14.86	252	725383	36.84	ng		99
90) Dibenzo(a,h)anthracene	16.07	278	616870	40.15	ng	#	96
91) Benzo(g,h,i)perylene	16.39	276	589155	39.18	ng		95

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

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