Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084349.D
Acq On : 9 Jan 2016 2:48
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:50 AM

Quant Time: Jan 09 04:58:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	363199	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1472832	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	724389	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	1333736	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	936672	20.00	ng		-0.05
86) Perylene-d12	15.45	264	794653	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1797528	80.05	ng		-0.02
7) Phenol-d6	6.51	99	2233627	79.20	ng		-0.02
23) Nitrobenzene-d5	7.44	82	2180342	82.39	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	507890	69.45	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	3382998	81.93	ng		-0.03
78) Terphenyl-d14	12.97	244	3204110	76.36	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	414032	38.92	ng	#	73
3) Pyridine	3.16	79	1211819	40.86	ng	#	71
4) n-Nitrosodimethylamine	3.13	42	628018	41.25	ng	#	80
6) Aniline	6.52	93	1432288	34.72	ng	#	80
8) 2-Chlorophenol	6.65	128	958155	37.61	ng		86
9) Benzaldehyde	6.41	77	712859	38.82	ng		95
10) Phenol	6.53	94	1330487	41.49	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	990235	39.87	ng		84
12) 1,3-Dichlorobenzene	6.80	146	995624m	37.88	ng		
13) 1,4-Dichlorobenzene	6.88	146	1054655	40.02	ng		98
14) 1,2-Dichlorobenzene	7.04	146	978965	38.79	ng		96
15) Benzyl Alcohol	7.01	79	910889	38.40	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1573521	34.79	ng		77
17) 2-Methylphenol	7.13	107	814236	38.13	ng	#	90
18) Hexachloroethane	7.37	117	413195	39.21	ng	#	90
19) n-Nitroso-di-n-propylamine	7.29	70	660676	34.61	ng	#	75
20) 3+4-Methylphenols	7.29	107	890278	35.47	ng	#	80
22) Acetophenone	7.28	105	1404135	39.65	ng	#	95
24) Nitrobenzene	7.45	77	964447	35.93	ng		92
25) Isophorone	7.70	82	2099565	41.48	ng		96
26) 2-Nitrophenol	7.77	139	608888	49.84	ng		95
27) 2,4-Dimethylphenol	7.81	122	899571	36.38	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	1283285	41.51	ng		97
29) 2,4-Dichlorophenol	8.02	162	866407	42.07	ng		92
30) 1,2,4-Trichlorobenzene	8.09	180	840335	39.52	ng		98
31) Naphthalene	8.17	128	2430526	36.37	ng		97
32) Benzoic acid	7.95	122	372949	26.64	ng		93
33) 4-Chloroaniline	8.22	127	1332409	43.49	ng		98
34) Hexachlorobutadiene	8.29	225	493652	40.39	ng		98
35) Caprolactam	8.62	113	312637	45.03	ng	#	68
36) 4-Chloro-3-methylphenol	8.72	107	916626	39.73	ng		94
37) 2-Methylnaphthalene	8.86	142	1961204	40.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	766921	36.83	ng		98
40) Hexachlorocyclopentadiene	9.01	237	368938	29.35	ng		97

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Quant Time: Jan 09 04:58:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	548650	35.21	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	587468	39.33	ng	#	80
45) 1,1'-Biphenyl	9.32	154	2250525	39.09	ng		99
46) 2-Chloronaphthalene	9.36	162	1750697	38.71	ng	#	86
47) 2-Nitroaniline	9.45	65	564579	37.83	ng		97
48) Acenaphthylene	9.77	152	2635443	39.45	ng		95
49) Dimethylphthalate	9.64	163	2162744	41.76	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	517332	45.55	ng		98
51) Acenaphthene	9.94	154	1774268	39.59	ng		97
52) 3-Nitroaniline	9.87	138	625092	44.41	ng	#	78
53) 2,4-Dinitrophenol	9.96	184	138609	30.93	ng	#	79
54) Dibenzofuran	10.11	168	2301576	39.28	ng		91
55) 4-Nitrophenol	10.04	139	409845	40.12	ng		89
56) 2,4-Dinitrotoluene	10.10	165	674506	46.92	ng		94
57) Fluorene	10.45	166	1893834	42.04	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	484645	38.01	ng		88
59) Diethylphthalate	10.33	149	1851865	36.27	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	743413	38.03	ng		89
61) 4-Nitroaniline	10.49	138	574473	45.79	ng		87
62) Azobenzene	10.60	77	2072720	37.01	ng		88
64) 4,6-Dinitro-2-methylphenol	10.50	198	249485	31.05	ng	#	45
65) n-Nitrosodiphenylamine	10.57	169	1626612	38.14	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	550236	38.33	ng	#	84
67) Hexachlorobenzene	11.00	284	620449	38.40	ng	#	83
68) Atrazine	11.09	200	507716	36.38	ng		98
69) Pentachlorophenol	11.20	266	305225	36.43	ng		99
70) Phenanthrene	11.41	178	2756382	39.51	ng		94
71) Anthracene	11.46	178	2544836	37.21	ng		97
72) Carbazole	11.62	167	2251039	33.67	ng		97
73) Di-n-butylphthalate	11.95	149	2673335	35.54	ng	#	94
74) Fluoranthene	12.60	202	2906196	39.88	ng		92
76) Benzidine	12.72	184	1005516	29.94	ng		99
77) Pyrene	12.83	202	2935819	39.94	ng		98
79) Butylbenzylphthalate	13.45	149	1303249	40.97	ng		92
80) Benzo(a)anthracene	14.01	228	2106437	38.30	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	764090	39.81	ng	#	95
82) Chrysene	14.05	228	2235502	42.30	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1605583	39.96	ng	#	95
84) Di-n-octyl phthalate	14.61	149	2672645	39.40	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1815498	43.34	ng		99
87) Benzo(b)fluoranthene	15.04	252	2367936m	45.55	ng		
88) Benzo(k)fluoranthene	15.07	252	1320283m	31.06	ng		
89) Benzo(a)pyrene	15.39	252	1716440	38.93	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	1481613	39.05	ng		97
91) Benzo(g,h,i)perylene	17.28	276	1514508	38.55	ng		96

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

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