Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084302.D
Acq On : 6 Jan 2016 21:06
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
1/7/2016 12:04:02 PM

Quant Time: Jan 07 02:45:57 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	6.86	152	277426	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1130748	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	536476	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	965275	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	787427	20.00	ng		-0.03
86) Perylene-d12	15.46	264	625792	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1297533	75.65	ng		-0.02
7) Phenol-d6	6.52	99	1754445	81.45	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1648918	81.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	441574	81.53	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	2619249	85.96	ng		-0.02
78) Terphenyl-d14	12.98	244	2228399	63.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	318477	39.20	ng	#	74
3) Pyridine	3.18	79	888904	39.24	ng	#	73
4) n-Nitrosodimethylamine	3.14	42	461938	39.73	ng	#	77
6) Aniline	6.53	93	1114102	35.35	ng	#	48
8) 2-Chlorophenol	6.66	128	812221	41.74	ng		92
9) Benzaldehyde	6.42	77	544079	38.79	ng		94
10) Phenol	6.53	94	1038469	42.40	ng		73
11) bis(2-Chloroethyl)ether	6.61	93	831328	43.82	ng		88
12) 1,3-Dichlorobenzene	6.81	146	786830m	39.20	ng		
13) 1,4-Dichlorobenzene	6.89	146	842629	41.86	ng		97
14) 1,2-Dichlorobenzene	7.05	146	739639	38.37	ng		93
15) Benzyl Alcohol	7.02	79	718143	39.63	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1267991	36.70	ng		87
17) 2-Methylphenol	7.14	107	650182	39.87	ng		95
18) Hexachloroethane	7.38	117	321553	39.95	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	580335	39.80	ng	#	81
20) 3+4-Methylphenols	7.30	107	777535	40.56	ng		87
22) Acetophenone	7.29	105	1079850	39.71	ng	#	92
24) Nitrobenzene	7.46	77	839074	40.72	ng		96
25) Isophorone	7.70	82	1505533	38.75	ng		97
26) 2-Nitrophenol	7.78	139	441083	47.03	ng		93
27) 2,4-Dimethylphenol	7.82	122	795338	41.90	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	1011198	42.60	ng		97
29) 2,4-Dichlorophenol	8.02	162	606669	38.37	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	664788	40.72	ng		97
31) Naphthalene	8.18	128	1992860	38.85	ng		98
32) Benzoic acid	7.94	122	386642	33.79	ng		95
33) 4-Chloroaniline	8.24	127	1023473	43.52	ng		94
34) Hexachlorobutadiene	8.30	225	379479	40.44	ng		96
35) Caprolactam	8.61	113	209046	39.22	ng	#	36
36) 4-Chloro-3-methylphenol	8.72	107	687379	38.81	ng		91
37) 2-Methylnaphthalene	8.88	142	1488525	40.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	626953	40.65	ng		98
40) Hexachlorocyclopentadiene	9.02	237	365461	39.25	ng		98

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Quant Time: Jan 07 02:45:57 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)
42) 2,4,6-Trichlorophenol	9.15	196	417498	36.18	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	452600	40.92	ng	#	90
45) 1,1'-Biphenyl	9.33	154	1568426	36.79	ng		99
46) 2-Chloronaphthalene	9.36	162	1209252	36.11	ng		98
47) 2-Nitroaniline	9.46	65	481556	43.57	ng		97
48) Acenaphthylene	9.78	152	2044313	41.32	ng		97
49) Dimethylphthalate	9.64	163	1451000	37.83	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	306572	36.45	ng	#	47
51) Acenaphthene	9.95	154	1402356	42.25	ng		99
52) 3-Nitroaniline	9.87	138	357171	34.27	ng		99
53) 2,4-Dinitrophenol	9.97	184	151050	43.84	ng		92
54) Dibenzofuran	10.12	168	1869656	43.39	ng		97
55) 4-Nitrophenol	10.04	139	316202	41.79	ng	#	84
56) 2,4-Dinitrotoluene	10.10	165	409462	38.46	ng	#	84
57) Fluorene	10.46	166	1362088	40.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	346483	36.69	ng		95
59) Diethylphthalate	10.34	149	1497458	39.60	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	629480	44.86	ng		95
61) 4-Nitroaniline	10.49	138	390451	42.02	ng		94
62) Azobenzene	10.61	77	1678420	40.47	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	233047	39.52	ng		95
65) n-Nitrosodiphenylamine	10.58	169	1275695	41.34	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	439275	42.28	ng	#	90
67) Hexachlorobenzene	11.00	284	430713	36.83	ng	#	78
68) Atrazine	11.10	200	404175	40.02	ng		97
69) Pentachlorophenol	11.20	266	196504	32.41	ng		97
70) Phenanthrene	11.42	178	2143659	42.46	ng		96
71) Anthracene	11.47	178	1901477	38.42	ng		97
72) Carbazole	11.63	167	1879715	38.85	ng		98
73) Di-n-butylphthalate	11.96	149	2237950	43.02	ng	#	95
74) Fluoranthene	12.60	202	1956699	37.10	ng		98
76) Benzidine	12.73	184	895365	31.71	ng		99
77) Pyrene	12.83	202	2006760	32.48	ng		97
79) Butylbenzylphthalate	13.46	149	1056693	39.52	ng		98
80) Benzo(a)anthracene	14.02	228	1612787	34.88	ng		97
81) 3,3'-Dichlorobenzidine	13.99	252	601146	37.25	ng	#	96
82) Chrysene	14.05	228	1449134	32.62	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1293977	38.30	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2058999	36.10	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1510748	42.90	ng		99
87) Benzo(b)fluoranthene	15.05	252	1435390	35.06	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	1502530m	44.88	ng		
89) Benzo(a)pyrene	15.40	252	1399806	40.31	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	1224739	40.99	ng		99
91) Benzo(g,h,i)perylene	17.29	276	1279394	41.35	ng		99

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

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