Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091901.D
Acq On : 23 Dec 2016 3:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
12/23/2016 5:52:27 PM

Quant Time: Dec 23 04:25:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	244166	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1008542	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	481034	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	677928	20.00	ng		0.00
75) Chrysene-d12	13.91	240	454864	20.00	ng		0.00
86) Perylene-d12	15.30	264	418054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1205303	82.42	ng		0.05
7) Phenol-d6	6.44	99	1417192	79.38	ng		0.03
23) Nitrobenzene-d5	7.32	82	1246281	68.71	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	225532	56.65	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1963762	83.40	ng		0.00
78) Terphenyl-d14	12.85	244	1370458	73.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	296927	41.24	ng		97
3) Pyridine	2.97	79	1055504	42.01	ng		99
4) n-Nitrosodimethylamine	2.94	42	402422	42.46	ng		99
6) Aniline	6.42	93	952973	41.10	ng	#	45
8) 2-Chlorophenol	6.56	128	655615	39.41	ng		96
9) Benzaldehyde	6.29	77	420470	42.05	ng		95
10) Phenol	6.45	94	772564	37.97	ng		80
11) bis(2-Chloroethyl)ether	6.50	93	667617	41.24	ng		91
12) 1,3-Dichlorobenzene	6.69	146	734618m	41.37	ng		
13) 1,4-Dichlorobenzene	6.77	146	731250	40.46	ng		94
14) 1,2-Dichlorobenzene	6.92	146	596464	38.03	ng		98
15) Benzyl Alcohol	6.91	79	514794	37.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	950649	39.44	ng		92
17) 2-Methylphenol	7.06	107	516951	38.64	ng		94
18) Hexachloroethane	7.26	117	259974	38.80	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	484777	40.81	ng		99
20) 3+4-Methylphenols	7.21	107	699705	43.85	ng	#	74
22) Acetophenone	7.17	105	982552	39.50	ng	#	86
24) Nitrobenzene	7.34	77	759962	39.34	ng		90
25) Isophorone	7.58	82	1263402	37.76	ng		98
26) 2-Nitrophenol	7.65	139	264939	27.81	ng		96
27) 2,4-Dimethylphenol	7.72	122	522492	33.07	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	740415	36.49	ng		98
29) 2,4-Dichlorophenol	7.92	162	466680	34.88	ng		87
30) 1,2,4-Trichlorobenzene	7.98	180	569407	38.84	ng		97
31) Naphthalene	8.06	128	1858050	40.25	ng		99
32) Benzoic acid	7.85	122	154600	13.19	ng		89
33) 4-Chloroaniline	8.12	127	750224	36.05	ng		99
34) Hexachlorobutadiene	8.18	225	312665	40.40	ng		99
35) Caprolactam	8.50	113	154240	35.08	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	509403	33.09	ng	#	83
37) 2-Methylnaphthalene	8.75	142	1098972	36.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	526496	43.32	ng		98
40) Hexachlorocyclopentadiene	8.90	237	84901	18.88	ng		95

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Quant Time: Dec 23 04:25:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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	9.05	196	308128	36.25	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	269540	30.81	ng		99
45) 1,1'-Biphenyl	9.22	154	1472220	44.70	ng		99
46) 2-Chloronaphthalene	9.24	162	1065283	40.84	ng		98
47) 2-Nitroaniline	9.34	65	305005	32.84	ng		99
48) Acenaphthylene	9.65	152	1602273	39.94	ng		100
49) Dimethylphthalate	9.53	163	1308410	42.53	ng		100
50) 2,6-Dinitrotoluene	9.58	165	238986	35.49	ng	#	76
51) Acenaphthene	9.82	154	1003876	36.91	ng		100
52) 3-Nitroaniline	9.76	138	278054	33.37	ng		96
53) 2,4-Dinitrophenol	9.86	184	11774	3.14	ng	#	47
54) Dibenzofuran	10.00	168	1339623	36.47	ng		99
55) 4-Nitrophenol	9.96	139	109033m	19.27	ng		
56) 2,4-Dinitrotoluene	9.98	165	269614	31.90	ng		91
57) Fluorene	10.34	166	1079605	40.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	196989	28.47	ng		99
59) Diethylphthalate	10.21	149	1146980	38.39	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	470230	40.19	ng		97
61) 4-Nitroaniline	10.37	138	295551	34.22	ng		99
62) Azobenzene	10.49	77	1198735	36.44	ng		100
64) 4,6-Dinitro-2-methylphenol	10.40	198	36464	8.89	ng		83
65) n-Nitrosodiphenylamine	10.45	169	892119	44.35	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	303843	43.09	ng		99
67) Hexachlorobenzene	10.89	284	326887	43.37	ng		99
68) Atrazine	10.99	200	257497	39.68	ng		94
69) Pentachlorophenol	11.09	266	74361	20.11	ng		99
70) Phenanthrene	11.30	178	1483037	40.34	ng		99
71) Anthracene	11.34	178	1323182	38.72	ng		99
72) Carbazole	11.52	167	1240860	38.52	ng		96
73) Di-n-butylphthalate	11.84	149	1659944	47.92	ng		99
74) Fluoranthene	12.48	202	1229806	37.50	ng		99
76) Benzidine	12.61	184	378667	30.09	ng		99
77) Pyrene	12.71	202	1203164	36.05	ng		99
79) Butylbenzylphthalate	13.33	149	639783	42.15	ng		92
80) Benzo(a)anthracene	13.89	228	961084	37.43	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	356420	36.61	ng		99
82) Chrysene	13.93	228	925065	35.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	842274	47.12	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1373702	41.49	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	823933	36.93	ng		99
87) Benzo(b)fluoranthene	14.91	252	980913m	37.69	ng		
88) Benzo(k)fluoranthene	14.93	252	931370m	41.96	ng		
89) Benzo(a)pyrene	15.24	252	909777	39.38	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	708814	37.33	ng		97
91) Benzo(g,h,i)perylene	17.05	276	675952	34.24	ng		98

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

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