Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084189.D
Acq On : 31 Dec 2015 11:38
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
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1/4/2016 4:28:35 PM

Quant Time: Dec 31 13:21:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:53:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	333967	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1342584	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	623731	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1140038	20.00	ng		0.00
75) Chrysene-d12	14.07	240	712407	20.00	ng		0.00
86) Perylene-d12	15.51	264	595108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2468323	58.22	ng		0.01
7) Phenol-d6	6.53	99	3034290	56.56	ng		0.00
23) Nitrobenzene-d5	7.48	82	2974142	61.19	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	708204	53.13	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	4090544	48.16	ng		0.01
78) Terphenyl-d14	13.01	244	3755129	59.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	586305	59.46	ng	#	74
3) Pyridine	3.26	79	1667609	61.31	ng	#	70
4) n-Nitrosodimethylamine	3.23	42	869238	62.23	ng	#	74
6) Aniline	6.57	93	2146104	54.72	ng	#	83
8) 2-Chlorophenol	6.69	128	1388502	57.24	ng		96
9) Benzaldehyde	6.45	77	864522	46.50	ng		98
10) Phenol	6.56	94	1784226	58.51	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	1405753	59.68	ng		85
12) 1,3-Dichlorobenzene	6.84	146	1309523m	51.99	ng		
13) 1,4-Dichlorobenzene	6.92	146	1306793	51.07	ng		98
14) 1,2-Dichlorobenzene	7.08	146	1317281	54.47	ng		97
15) Benzyl Alcohol	7.05	79	1179761	52.03	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	2306713	53.62	ng		84
17) 2-Methylphenol	7.16	107	1087977	53.83	ng		95
18) Hexachloroethane	7.42	117	580334	59.15	ng		91
19) n-Nitroso-di-n-propylamine	7.33	70	986925	54.70	ng	#	70
20) 3+4-Methylphenols	7.32	107	1331313	54.74	ng	#	82
22) Acetophenone	7.32	105	1679214	50.06	ng	#	82
24) Nitrobenzene	7.49	77	1324180	52.43	ng		95
25) Isophorone	7.73	82	2676407	57.40	ng		97
26) 2-Nitrophenol	7.81	139	706178	65.94	ng		91
27) 2,4-Dimethylphenol	7.85	122	1225493	52.45	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	1708441	59.86	ng		96
29) 2,4-Dichlorophenol	8.05	162	1158370	61.13	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	1094608	54.64	ng		97
31) Naphthalene	8.21	128	3144232	49.00	ng		96
32) Benzoic acid	7.98	122	856417m	82.57	ng		
33) 4-Chloroaniline	8.26	127	1554005	54.80	ng		96
34) Hexachlorobutadiene	8.34	225	670670	60.01	ng		98
35) Caprolactam	8.66	113	377609	59.67	ng	#	47
36) 4-Chloro-3-methylphenol	8.75	107	1340253	63.12	ng		99
37) 2-Methylnaphthalene	8.91	142	2509591	55.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	947276	49.76	ng	#	98
40) Hexachlorocyclopentadiene	9.06	237	637864	58.48	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	750633	53.94	ng		94
43) 2,4,5-Trichlorophenol	9.22	196	737345	56.05	ng	#	84
45) 1,1'-Biphenyl	9.37	154	2830957	52.35	ng		98
46) 2-Chloronaphthalene	9.40	162	2186399	54.17	ng	#	87
47) 2-Nitroaniline	9.49	65	884402	70.80	ng	#	85
48) Acenaphthylene	9.81	152	3242595	49.71	ng	#	93
49) Dimethylphthalate	9.68	163	2320778	49.95	ng	#	89
50) 2,6-Dinitrotoluene	9.73	165	517509	51.78	ng	#	43
51) Acenaphthene	9.98	154	2210326	51.48	ng		98
52) 3-Nitroaniline	9.90	138	687862	55.05	ng		96
54) Dibenzofuran	10.16	168	2809063	48.05	ng	#	87
55) 4-Nitrophenol	10.05	139	489429	55.50	ng	#	76
56) 2,4-Dinitrotoluene	10.13	165	681594	54.82	ng	#	83
57) Fluorene	10.50	166	2242243	49.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	646898	56.61	ng		96
59) Diethylphthalate	10.37	149	2355196	48.39	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	918793	46.04	ng		89
61) 4-Nitroaniline	10.52	138	663793	62.09	ng		94
62) Azobenzene	10.65	77	2585197	50.93	ng		86
64) 4,6-Dinitro-2-methylphenol	10.54	198	417985	77.66	ng		86
65) n-Nitrosodiphenylamine	10.61	169	2121419	55.48	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	671382	51.92	ng	#	79
67) Hexachlorobenzene	11.05	284	787942	55.29	ng	#	88
68) Atrazine	11.14	200	651106	51.04	ng		99
69) Pentachlorophenol	11.23	266	425487	65.63	ng		98
70) Phenanthrene	11.46	178	3266415m	48.04	ng		
71) Anthracene	11.50	178	3229896	50.48	ng		96
72) Carbazole	11.66	167	3167156	52.10	ng		96
73) Di-n-butylphthalate	12.00	149	3237841	45.71	ng	#	92
74) Fluoranthene	12.65	202	3436808	52.47	ng		92
76) Benzidine	12.76	184	1397416	52.23	ng		98
77) Pyrene	12.88	202	3431739	62.74	ng		97
79) Butylbenzylphthalate	13.49	149	1484490	62.05	ng		89
80) Benzo(a)anthracene	14.05	228	2351310	55.25	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	862462	59.63	ng	#	94
82) Chrysene	14.10	228	2480517	62.52	ng		97
83) Bis(2-ethylhexyl)phthalate	14.05	149	1724100	55.48	ng		98
84) Di-n-octyl phthalate	14.67	149	3037919	58.58	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.93	276	2192012	70.87	ng		99
87) Benzo(b)fluoranthene	15.09	252	2181259	53.60	ng		97
88) Benzo(k)fluoranthene	15.12	252	1859152m	57.71	ng		
89) Benzo(a)pyrene	15.45	252	1929562	57.19	ng	#	96
90) Dibenzo(a,h)anthracene	16.96	278	1768210	63.46	ng	#	96
91) Benzo(g,h,i)perylene	17.37	276	1908169	67.23	ng		97

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

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