Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086214.D
Acq On : 15 Apr 2016 13:53
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/18/2016 7:25:20 PM

Quant Time: Apr 15 14:22:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	250361	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1025187	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	464670	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	804893	20.00	ng		0.00
75) Chrysene-d12	14.05	240	451712	20.00	ng		0.00
86) Perylene-d12	15.48	264	424750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1550247	50.88	ng		0.00
7) Phenol-d6	6.52	99	1942821	50.31	ng		0.00
23) Nitrobenzene-d5	7.46	82	2068401	57.49	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	398025	48.66	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2513446	43.61	ng		0.00
78) Terphenyl-d14	13.00	244	1968231	52.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	482794	60.77	ng		98
3) Pyridine	3.23	79	1354810	66.18	ng		98
4) n-Nitrosodimethylamine	3.18	42	480772	50.41	ng	#	70
6) Aniline	6.56	93	1548962	55.81	ng		99
8) 2-Chlorophenol	6.68	128	938859	53.58	ng		85
9) Benzaldehyde	6.44	77	748870	71.16	ng		95
10) Phenol	6.53	94	1101147	45.31	ng		94
11) bis(2-Chloroethyl)ether	6.64	93	992741	57.84	ng		89
12) 1,3-Dichlorobenzene	6.84	146	1008251m	52.38	ng		
13) 1,4-Dichlorobenzene	6.91	146	958683	49.62	ng		98
14) 1,2-Dichlorobenzene	7.07	146	866710	48.32	ng		96
15) Benzyl Alcohol	7.04	79	706616	49.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1569935	56.52	ng		100
17) 2-Methylphenol	7.15	107	830415	57.34	ng		96
18) Hexachloroethane	7.41	117	359580	51.85	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	691949	54.86	ng		95
20) 3+4-Methylphenols	7.30	107	837151	52.16	ng		98
22) Acetophenone	7.31	105	1006482	42.17	ng	#	90
24) Nitrobenzene	7.48	77	1015262	51.50	ng		96
25) Isophorone	7.72	82	1979629	56.56	ng		98
26) 2-Nitrophenol	7.80	139	551730	70.31	ng	#	71
27) 2,4-Dimethylphenol	7.84	122	941382	56.76	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	1146557	57.10	ng		97
29) 2,4-Dichlorophenol	8.03	162	745932	57.17	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	697986	48.56	ng		98
31) Naphthalene	8.20	128	2390139	49.46	ng		100
32) Benzoic acid	7.96	122	587412	60.15	ng		88
33) 4-Chloroaniline	8.25	127	1081381	54.59	ng		98
34) Hexachlorobutadiene	8.33	225	361476	47.63	ng		99
35) Caprolactam	8.64	113	277720	63.61	ng	#	70
36) 4-Chloro-3-methylphenol	8.73	107	782230	52.81	ng		92
37) 2-Methylnaphthalene	8.90	142	1599852	51.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	551606	45.36	ng		98
40) Hexachlorocyclopentadiene	9.05	237	302188	48.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	501871	53.59	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	498862	53.47	ng	#	91
45) 1,1'-Biphenyl	9.37	154	1852370	50.97	ng		95
46) 2-Chloronaphthalene	9.39	162	1532281	51.53	ng		93
47) 2-Nitroaniline	9.47	65	548659	64.22	ng		98
48) Acenaphthylene	9.80	152	2398991	53.17	ng		99
49) Dimethylphthalate	9.66	163	1670135	48.31	ng		99
50) 2,6-Dinitrotoluene	9.72	165	416780	56.94	ng	#	76
51) Acenaphthene	9.97	154	1417761	48.36	ng		99
52) 3-Nitroaniline	9.89	138	567877	67.23	ng	#	76
53) 2,4-Dinitrophenol	9.98	184	156857	73.83	ng		83
54) Dibenzofuran	10.14	168	1892089	52.53	ng		95
55) 4-Nitrophenol	10.04	139	449279	73.01	ng	#	60
56) 2,4-Dinitrotoluene	10.12	165	549148	58.64	ng	#	74
57) Fluorene	10.49	166	1352666	46.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	358215	54.67	ng		97
59) Diethylphthalate	10.36	149	1764719	50.18	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	528474	38.68	ng		95
61) 4-Nitroaniline	10.50	138	421865	52.95	ng		92
62) Azobenzene	10.64	77	1831087	52.02	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	256330	83.09	ng	#	38
65) n-Nitrosodiphenylamine	10.60	169	1403471	56.57	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	385081	47.96	ng	#	88
67) Hexachlorobenzene	11.04	284	450349	49.88	ng	#	68
68) Atrazine	11.13	200	445162	60.69	ng		97
69) Pentachlorophenol	11.22	266	280522	59.08	ng		96
70) Phenanthrene	11.45	178	2182517	51.91	ng		99
71) Anthracene	11.49	178	1916017	46.14	ng		100
72) Carbazole	11.64	167	1964463	52.17	ng		99
73) Di-n-butylphthalate	11.99	149	2369119	53.43	ng		99
74) Fluoranthene	12.63	202	1868032	48.09	ng		98
76) Benzidine	12.75	184	1167272	75.16	ng		100
77) Pyrene	12.85	202	1945426	57.39	ng		99
79) Butylbenzylphthalate	13.48	149	1027384	74.72	ng		90
80) Benzo(a)anthracene	14.04	228	1353945	54.17	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	757312	46.08	ng		100
82) Chrysene	14.08	228	1285775	49.21	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	955031	59.14	ng		98
84) Di-n-octyl phthalate	14.65	149	1982103	66.94	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	1646126	79.60	ng		96
87) Benzo(b)fluoranthene	15.07	252	1262949m	48.97	ng		
88) Benzo(k)fluoranthene	15.11	252	1356523m	55.85	ng		
89) Benzo(a)pyrene	15.43	252	1295528	57.27	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	1347343	66.95	ng		97
91) Benzo(g,h,i)perylene	17.33	276	1486364	71.03	ng		97

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

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