Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086306.D
Acq On : 20 Apr 2016 13:35
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
4/21/2016 7:08:54 PM

Quant Time: Apr 20 14:00:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 11:17:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	257119	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1051013	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	472656	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	763947	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	438364	20.00	ng		-0.03
86) Perylene-d12	15.45	264	471890	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1174996	74.88	ng		-0.03
7) Phenol-d6	6.50	99	1499147	76.38	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1434279	78.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	294401	77.57	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2035505	79.47	ng		-0.03
78) Terphenyl-d14	12.97	244	1382045	79.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	314301	36.32	ng		97
3) Pyridine	3.20	79	794007	35.18	ng		96
4) n-Nitrosodimethylamine	3.14	42	292883	35.92	ng	#	71
6) Aniline	6.52	93	1026623	36.29	ng		94
8) 2-Chlorophenol	6.65	128	661876	37.28	ng		88
9) Benzaldehyde	6.41	77	546743	39.26	ng		94
10) Phenol	6.51	94	888870	38.03	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	751930	42.76	ng		90
12) 1,3-Dichlorobenzene	6.81	146	750614m	39.85	ng		
13) 1,4-Dichlorobenzene	6.88	146	777220	43.31	ng		98
14) 1,2-Dichlorobenzene	7.04	146	690836	43.37	ng		97
15) Benzyl Alcohol	7.00	79	483363	34.71	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1098147	40.08	ng		90
17) 2-Methylphenol	7.12	107	569219	38.48	ng		98
18) Hexachloroethane	7.38	117	251408	37.14	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	458657	36.51	ng		99
20) 3+4-Methylphenols	7.28	107	599370	36.17	ng	#	78
22) Acetophenone	7.28	105	817356	36.94	ng	#	87
24) Nitrobenzene	7.45	77	742147	37.25	ng		94
25) Isophorone	7.69	82	1310359	36.24	ng		99
26) 2-Nitrophenol	7.77	139	388272	44.70	ng	#	77
27) 2,4-Dimethylphenol	7.80	122	653750	37.27	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	819282	38.54	ng		99
29) 2,4-Dichlorophenol	8.01	162	551318	41.34	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	565496	40.52	ng		97
31) Naphthalene	8.17	128	2006866	42.76	ng		99
32) Benzoic acid	7.93	122	428656	38.22	ng		94
33) 4-Chloroaniline	8.22	127	835681	39.84	ng		94
34) Hexachlorobutadiene	8.29	225	273890	39.17	ng		98
35) Caprolactam	8.60	113	187436	38.82	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	621038	40.18	ng		99
37) 2-Methylnaphthalene	8.86	142	1194322	39.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	479358	43.71	ng		96
40) Hexachlorocyclopentadiene	9.01	237	117061	21.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	340776	36.60	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	371938	41.35	ng		97
45) 1,1'-Biphenyl	9.33	154	1431105	42.06	ng		96
46) 2-Chloronaphthalene	9.36	162	1151742	41.46	ng		93
47) 2-Nitroaniline	9.45	65	386245	42.92	ng	#	85
48) Acenaphthylene	9.77	152	1758940	39.79	ng		99
49) Dimethylphthalate	9.63	163	1322754	38.49	ng		100
50) 2,6-Dinitrotoluene	9.69	165	293546	38.60	ng	#	75
51) Acenaphthene	9.94	154	1025271	38.83	ng		100
52) 3-Nitroaniline	9.86	138	376916	40.79	ng		90
53) 2,4-Dinitrophenol	9.96	184	59424	24.42	ng	#	69
54) Dibenzofuran	10.11	168	1406172	40.32	ng		97
55) 4-Nitrophenol	10.02	139	231718	32.05	ng	#	77
56) 2,4-Dinitrotoluene	10.09	165	362924	37.28	ng	#	71
57) Fluorene	10.45	166	1052341	36.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265152	40.59	ng		97
59) Diethylphthalate	10.33	149	1312189	36.99	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	457862	38.30	ng		92
61) 4-Nitroaniline	10.46	138	341894	42.81	ng		89
62) Azobenzene	10.60	77	1320475	38.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	96958	26.67	ng	#	60
65) n-Nitrosodiphenylamine	10.57	169	998904	42.70	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	305004	42.84	ng	#	87
67) Hexachlorobenzene	11.00	284	316841	42.47	ng	#	71
68) Atrazine	11.09	200	308868	43.08	ng		97
69) Pentachlorophenol	11.18	266	173522	38.35	ng		96
70) Phenanthrene	11.41	178	1444255	39.58	ng		99
71) Anthracene	11.46	178	1487055	37.34	ng		99
72) Carbazole	11.62	167	1422478	40.99	ng		98
73) Di-n-butylphthalate	11.95	149	1872820	39.91	ng		100
74) Fluoranthene	12.59	202	1234406	33.03	ng		99
76) Benzidine	12.72	184	727897	42.81	ng		98
77) Pyrene	12.82	202	1206847	35.89	ng		99
79) Butylbenzylphthalate	13.45	149	695204	44.75	ng		99
80) Benzo(a)anthracene	14.01	228	919347	38.20	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	603453	43.26	ng		100
82) Chrysene	14.04	228	903214	35.20	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	793901	47.32	ng		100
84) Di-n-octyl phthalate	14.61	149	1420118	43.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1024986	48.60	ng		96
87) Benzo(b)fluoranthene	15.04	252	1024445m	35.19	ng		
88) Benzo(k)fluoranthene	15.06	252	942034m	35.49	ng		
89) Benzo(a)pyrene	15.39	252	978550	38.80	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	865360	38.83	ng		98
91) Benzo(g,h,i)perylene	17.25	276	832740	35.14	ng		95

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

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