Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083598.D
Acq On : 8 Dec 2015 16:19
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:15 PM

Quant Time: Dec 08 17:41:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	148883	20.00	ng		0.00
21) Naphthalene-d8	7.61	136	586025	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	283872	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	529767	20.00	ng		0.00
75) Chrysene-d12	16.99	240	433337	20.00	ng		0.00
86) Perylene-d12	18.64	264	325251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	1040316	105.70	ng		0.00
7) Phenol-d6	5.28	99	1349250	99.74	ng		0.00
23) Nitrobenzene-d5	6.53	82	1293803	103.48	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	261904	100.24	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1984929	95.35	ng		0.00
78) Terphenyl-d14	15.41	244	1835783	95.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	236749	46.50	ng		95
3) Pyridine	2.26	79	672269	55.66	ng		95
4) n-Nitrosodimethylamine	2.22	42	332650	53.77	ng		94
6) Aniline	5.25	93	869906	49.72	ng		89
8) 2-Chlorophenol	5.42	128	550523	50.47	ng		96
9) Benzaldehyde	5.10	77	338972	44.22	ng		98
10) Phenol	5.29	94	832067	52.01	ng		90
11) bis(2-Chloroethyl)ether	5.37	93	619464	52.74	ng		96
12) 1,3-Dichlorobenzene	5.61	146	612623	50.54	ng	#	95
13) 1,4-Dichlorobenzene	5.72	146	631667	51.03	ng		99
14) 1,2-Dichlorobenzene	5.94	146	588115	51.52	ng		99
15) Benzyl Alcohol	5.95	79	508886	54.06	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.12	45	1106681	50.68	ng	#	61
17) 2-Methylphenol	6.14	107	453609	50.22	ng		93
18) Hexachloroethane	6.42	117	225138	51.89	ng		99
19) n-Nitroso-di-n-propylamine	6.34	70	469639	51.92	ng		92
20) 3+4-Methylphenols	6.38	107	585244	50.29	ng		97
22) Acetophenone	6.33	105	859625	51.01	ng	#	99
24) Nitrobenzene	6.57	77	710292	51.40	ng		94
25) Isophorone	6.94	82	1247279	51.77	ng		100
26) 2-Nitrophenol	7.05	139	293709	53.80	ng		90
27) 2,4-Dimethylphenol	7.17	122	499853	52.02	ng		99
28) bis(2-Chloroethoxy)methane	7.29	93	690375	51.48	ng		99
29) 2,4-Dichlorophenol	7.45	162	461905	53.15	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	492098	51.23	ng		98
31) Naphthalene	7.63	128	1569893	50.51	ng		99
32) Benzoic acid	7.50	122	311807	60.34	ng		92
33) 4-Chloroaniline	7.77	127	594128	49.17	ng		96
34) Hexachlorobutadiene	7.85	225	289349	50.98	ng		97
35) Caprolactam	8.41	113	143117	51.80	ng		98
36) 4-Chloro-3-methylphenol	8.61	107	513040	52.44	ng		98
37) 2-Methylnaphthalene	8.74	142	971404	50.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	478066	51.14	ng	#	100
40) Hexachlorocyclopentadiene	8.99	237	77832	31.07	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	289424	49.67	ng		100
43) 2,4,5-Trichlorophenol	9.31	196	291663	48.68	ng	#	91
45) 1,1'-Biphenyl	9.49	154	1240372	49.33	ng		99
46) 2-Chloronaphthalene	9.50	162	936982	49.36	ng		93
47) 2-Nitroaniline	9.72	65	349582	51.63	ng		97
48) Acenaphthylene	10.17	152	1561938	50.28	ng		99
49) Dimethylphthalate	10.05	163	1153119	51.44	ng		98
50) 2,6-Dinitrotoluene	10.13	165	240524	51.11	ng		96
51) Acenaphthene	10.44	154	891991	49.77	ng		99
52) 3-Nitroaniline	10.41	138	266370	52.27	ng		85
53) 2,4-Dinitrophenol	10.61	184	113729	55.91	ng		92
54) Dibenzofuran	10.73	168	1216050	48.91	ng		96
55) 4-Nitrophenol	10.82	139	111271	40.41	ng		86
56) 2,4-Dinitrotoluene	10.80	165	331077	53.41	ng	#	83
57) Fluorene	11.28	166	1069090	49.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	229380	50.86	ng	#	100
59) Diethylphthalate	11.19	149	1122302	52.11	ng		99
60) 4-Chlorophenyl-phenylether	11.31	204	519866	50.16	ng		92
61) 4-Nitroaniline	11.41	138	239507	52.00	ng		93
62) Azobenzene	11.56	77	1260918	54.12	ng		96
64) 4,6-Dinitro-2-methylphenol	11.46	198	187315	55.47	ng		99
65) n-Nitrosodiphenylamine	11.52	169	878855	50.17	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	305049	52.55	ng		94
67) Hexachlorobenzene	12.17	284	318737	51.40	ng		95
68) Atrazine	12.44	200	263392	49.64	ng		98
69) Pentachlorophenol	12.53	266	83488	35.97	ng		99
70) Phenanthrene	12.82	178	1518612	49.45	ng		99
71) Anthracene	12.91	178	1592902	50.75	ng		99
72) Carbazole	13.21	167	1392569	51.69	ng		98
73) Di-n-butylphthalate	13.84	149	1738383	53.18	ng		100
74) Fluoranthene	14.75	202	1563469	51.15	ng		99
76) Benzidine	15.03	184	694429	45.27	ng		99
77) Pyrene	15.11	202	1576584	49.03	ng		98
79) Butylbenzylphthalate	16.24	149	742217	57.84	ng		88
80) Benzo(a)anthracene	16.98	228	1253849	49.63	ng		98
81) 3,3'-Dichlorobenzidine	16.97	252	433829	53.19	ng		99
82) Chrysene	17.03	228	1263900	50.05	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	1009221	59.09	ng		99
84) Di-n-octyl phthalate	17.86	149	1530215	62.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	832410	39.89	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	909232m	49.83	ng		
88) Benzo(k)fluoranthene	18.28	252	1071196m	56.42	ng		
89) Benzo(a)pyrene	18.58	252	882860	49.82	ng	#	95
90) Dibenzo(a,h)anthracene	19.86	278	709759	43.18	ng		97
91) Benzo(g,h,i)perylene	20.21	276	682792	41.33	ng		99

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

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