Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079744.D
Acq On : 5 Jun 2015 22:45
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
6/9/2015 8:10:01 AM

Quant Time: Jun 08 07:34:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 11:28:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	46635	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	187766	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	94536	20.00	ng		0.00
63) Phenanthrene-d10	12.07	188	194213	20.00	ng		0.00
75) Chrysene-d12	15.02	240	221737	20.00	ng		0.00
86) Perylene-d12	16.95	264	213024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	441796	162.59	ng		0.00
7) Phenol-d6	7.08	99	587527	165.46	ng		0.00
23) Nitrobenzene-d5	8.04	82	508995	166.66	ng		0.00
41) 2,4,6-Tribromophenol	11.36	330	163861	190.68	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	1084615	163.29	ng		0.00
78) Terphenyl-d14	13.75	244	1404432	148.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	104576	85.31	ng		96
3) Pyridine	4.25	79	308705	89.43	ng		96
4) n-Nitrosodimethylamine	4.18	42	129468	82.21	ng		99
6) Aniline	7.14	93	404010	82.13	ng		96
8) 2-Chlorophenol	7.28	128	244566	78.92	ng		85
9) Benzaldehyde	7.04	77	173704	77.92	ng		85
10) Phenol	7.10	94	314706	85.07	ng		88
11) bis(2-Chloroethyl)ether	7.20	93	225474	74.59	ng		91
12) 1,3-Dichlorobenzene	7.44	146	306184m	85.73	ng		
13) 1,4-Dichlorobenzene	7.51	146	311862	82.04	ng		96
14) 1,2-Dichlorobenzene	7.67	146	299964	88.78	ng		96
15) Benzyl Alcohol	7.61	79	244418	91.16	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.75	45	358194	72.25	ng		98
17) 2-Methylphenol	7.71	107	225868	87.71	ng		94
18) Hexachloroethane	8.02	117	95864	81.72	ng	#	66
19) n-Nitroso-di-n-propylamine	7.87	70	193680	79.32	ng		96
20) 3+4-Methylphenols	7.86	107	288510	82.99	ng		95
22) Acetophenone	7.88	105	338254	74.57	ng	#	94
24) Nitrobenzene	8.07	77	282516	89.29	ng	#	84
25) Isophorone	8.30	82	507583	76.11	ng		95
26) 2-Nitrophenol	8.39	139	117856	99.69	ng	#	93
27) 2,4-Dimethylphenol	8.40	122	226125m	74.55	ng		
28) bis(2-Chloroethoxy)methane	8.50	93	322064	85.29	ng	#	98
29) 2,4-Dichlorophenol	8.63	162	224993	85.74	ng		91
30) 1,2,4-Trichlorobenzene	8.72	180	252333	79.99	ng		96
31) Naphthalene	8.81	128	801969	78.06	ng		99
32) Benzoic acid	8.47	122	107644m	96.49	ng		
33) 4-Chloroaniline	8.83	127	411094	97.52	ng	#	92
34) Hexachlorobutadiene	8.92	225	155664	84.12	ng		99
35) Caprolactam	9.19	113	71312	89.57	ng	#	84
36) 4-Chloro-3-methylphenol	9.30	107	235831	84.63	ng	#	81
37) 2-Methylnaphthalene	9.51	142	514195	74.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	233562	77.20	ng		97
40) Hexachlorocyclopentadiene	9.66	237	113230	84.04	ng		98

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Quant Time: Jun 08 07:34:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 11:28:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	164273	87.38	ng		99
43) 2,4,5-Trichlorophenol	9.82	196	175268	82.17	ng	#	91
45) 1,1'-Biphenyl	9.96	154	651448	85.12	ng		96
46) 2-Chloronaphthalene	10.00	162	533379	85.30	ng		95
47) 2-Nitroaniline	10.08	65	134556	100.18	ng	#	75
48) Acenaphthylene	10.42	152	885434	83.12	ng		99
49) Dimethylphthalate	10.25	163	621024	85.33	ng		99
50) 2,6-Dinitrotoluene	10.32	165	112550	89.85	ng	#	71
51) Acenaphthene	10.59	154	495302	79.85	ng		97
52) 3-Nitroaniline	10.49	138	144690	99.10	ng		85
53) 2,4-Dinitrophenol	10.59	184	32315	122.23	ng	#	1
54) Dibenzofuran	10.76	168	695884	77.95	ng		93
55) 4-Nitrophenol	10.63	139	109490	90.82	ng	#	81
56) 2,4-Dinitrotoluene	10.72	165	136808	91.68	ng	#	55
57) Fluorene	11.12	166	602578	78.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.88	232	148858m	91.71	ng		
59) Diethylphthalate	10.96	149	602706	82.88	ng		96
60) 4-Chlorophenyl-phenylether	11.10	204	285095	84.53	ng		89
61) 4-Nitroaniline	11.11	138	149386	97.53	ng		88
62) Azobenzene	11.26	77	592347	84.21	ng		93
64) 4,6-Dinitro-2-methylphenol	11.14	198	53907	113.37	ng	#	67
65) n-Nitrosodiphenylamine	11.21	169	532086	86.64	ng		100
66) 4-Bromophenyl-phenylether	11.60	248	164712	80.12	ng	#	76
67) Hexachlorobenzene	11.68	284	201275	87.47	ng	#	87
68) Atrazine	11.72	200	167891	83.66	ng		97
69) Pentachlorophenol	11.86	266	99664	92.07	ng		98
70) Phenanthrene	12.10	178	907369	80.82	ng		99
71) Anthracene	12.15	178	890660	79.98	ng		98
72) Carbazole	12.30	167	853420	82.29	ng		97
73) Di-n-butylphthalate	12.62	149	1009988	81.95	ng	#	82
74) Fluoranthene	13.36	202	1043738	85.02	ng		97
76) Benzidine	13.46	184	539138	81.99	ng		99
77) Pyrene	13.61	202	1029369	74.92	ng		99
79) Butylbenzylphthalate	14.29	149	458624	86.65	ng		90
80) Benzo(a)anthracene	15.01	228	1060152	78.63	ng		99
81) 3,3'-Dichlorobenzidine	14.94	252	378935	82.01	ng	#	97
82) Chrysene	15.05	228	986894	78.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.96	149	673807	81.36	ng		100
84) Di-n-octyl phthalate	15.75	149	1175108	83.79	ng		98
85) Indeno(1,2,3-cd)pyrene	18.95	276	1183712	83.02	ng		100
87) Benzo(b)fluoranthene	16.38	252	1009475	73.75	ng		98
88) Benzo(k)fluoranthene	16.41	252	1051177	80.17	ng		99
89) Benzo(a)pyrene	16.87	252	980609	78.24	ng		98
90) Dibenzo(a,h)anthracene	18.97	278	937875	80.82	ng		98
91) Benzo(g,h,i)perylene	19.57	276	991453	83.57	ng		97

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

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