Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080974.D
Acq On : 11 Aug 2015 21:42
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
8/12/2015 8:34:53 AM

Quant Time: Aug 12 02:11:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	67326	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	263511	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	131900	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	258027	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	172359	20.00	ng		-0.03
86) Perylene-d12	15.32	264	123349	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	359882	87.34	ng		0.00
7) Phenol-d6	6.43	99	494228	87.53	ng		-0.01
23) Nitrobenzene-d5	7.36	82	418883	75.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	105110	72.54	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	663818	70.85	ng		-0.02
78) Terphenyl-d14	12.89	244	818258	98.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	73210	37.46	ng		93
3) Pyridine	3.04	79	212478	38.34	ng		89
4) n-Nitrosodimethylamine	2.99	42	132896	46.97	ng		89
6) Aniline	6.45	93	343946	41.46	ng		99
8) 2-Chlorophenol	6.57	128	192314	40.33	ng		83
9) Benzaldehyde	6.33	77	158176	41.56	ng		98
10) Phenol	6.44	94	309269	46.16	ng	#	73
11) bis(2-Chloroethyl)ether	6.53	93	223320	44.64	ng		90
12) 1,3-Dichlorobenzene	6.73	146	216462m	42.78	ng		
13) 1,4-Dichlorobenzene	6.81	146	225069	42.80	ng		97
14) 1,2-Dichlorobenzene	6.96	146	171529	36.08	ng		96
15) Benzyl Alcohol	6.93	79	182678	39.53	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	396247	39.37	ng		99
17) 2-Methylphenol	7.05	107	161474	39.67	ng	#	92
18) Hexachloroethane	7.30	117	77100	38.27	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	175368	42.49	ng		97
20) 3+4-Methylphenols	7.21	107	201161	39.34	ng		96
22) Acetophenone	7.21	105	275767	42.71	ng	#	93
24) Nitrobenzene	7.38	77	253036	44.12	ng	#	91
25) Isophorone	7.62	82	416519	38.88	ng		95
26) 2-Nitrophenol	7.69	139	88166	36.53	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	169639	37.54	ng		93
28) bis(2-Chloroethoxy)methane	7.84	93	252645	39.28	ng		97
29) 2,4-Dichlorophenol	7.94	162	149242	40.19	ng		89
30) 1,2,4-Trichlorobenzene	8.02	180	175807	43.32	ng		98
31) Naphthalene	8.10	128	603786	41.57	ng		99
32) Benzoic acid	7.80	122	16405	6.06	ng		91
33) 4-Chloroaniline	8.14	127	210895	35.73	ng		95
34) Hexachlorobutadiene	8.21	225	91551	37.91	ng		99
35) Caprolactam	8.53	113	58066	43.47	ng	#	81
36) 4-Chloro-3-methylphenol	8.64	107	211112	46.59	ng		97
37) 2-Methylnaphthalene	8.78	142	359659	38.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	171466	42.17	ng		98
40) Hexachlorocyclopentadiene	8.94	237	96075	43.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	114321	38.36	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	113678	37.85	ng	#	79
45) 1,1'-Biphenyl	9.25	154	453620	40.07	ng		97
46) 2-Chloronaphthalene	9.28	162	350726	39.74	ng		95
47) 2-Nitroaniline	9.37	65	129279	36.53	ng		92
48) Acenaphthylene	9.69	152	579863	37.79	ng		99
49) Dimethylphthalate	9.56	163	404714	36.94	ng		99
50) 2,6-Dinitrotoluene	9.62	165	90553	40.00	ng	#	77
51) Acenaphthene	9.86	154	330943	35.22	ng		98
52) 3-Nitroaniline	9.79	138	113458	40.66	ng	#	67
53) 2,4-Dinitrophenol	9.88	184	6686	10.63	ng	#	81
54) Dibenzofuran	10.03	168	496668	39.09	ng		98
55) 4-Nitrophenol	9.94	139	61131	29.27	ng	#	49
56) 2,4-Dinitrotoluene	10.02	165	133475	44.07	ng	#	77
57) Fluorene	10.37	166	401818	40.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	70801m	29.79	ng		
59) Diethylphthalate	10.26	149	450238	39.48	ng		94
60) 4-Chlorophenyl-phenylether	10.36	204	164423	34.33	ng		95
61) 4-Nitroaniline	10.40	138	100365	34.95	ng		92
62) Azobenzene	10.52	77	445452	34.93	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	14199	8.88	ng		78
65) n-Nitrosodiphenylamine	10.49	169	341038	38.04	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	108494	39.70	ng		97
67) Hexachlorobenzene	10.92	284	125942	41.45	ng		99
68) Atrazine	11.01	200	93948	35.74	ng		95
69) Pentachlorophenol	11.10	266	27175	15.38	ng		98
70) Phenanthrene	11.33	178	585759	40.09	ng		99
71) Anthracene	11.38	178	554997	38.37	ng		100
72) Carbazole	11.54	167	589038	41.83	ng		99
73) Di-n-butylphthalate	11.87	149	679224	38.57	ng		100
74) Fluoranthene	12.51	202	638288	40.41	ng		98
76) Benzidine	12.64	184	356163	Below Cal			98
77) Pyrene	12.74	202	638636	50.16	ng		99
79) Butylbenzylphthalate	13.36	149	254667	41.49	ng	#	67
80) Benzo(a)anthracene	13.92	228	461866	42.42	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	174421	44.04	ng	#	99
82) Chrysene	13.96	228	501561	48.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	352312	41.25	ng	#	95
84) Di-n-octyl phthalate	14.53	149	597411	41.26	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	335095	33.78	ng		98
87) Benzo(b)fluoranthene	14.93	252	382742m	44.62	ng		
88) Benzo(k)fluoranthene	14.96	252	312596m	41.66	ng		
89) Benzo(a)pyrene	15.27	252	299673	40.65	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	281449	43.17	ng		99
91) Benzo(g,h,i)perylene	17.07	276	302967	47.77	ng		96

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

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