Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080904.D
Acq On : 7 Aug 2015 00:08
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:15:29 AM

Quant Time: Aug 07 07:19:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52062	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	211890	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	100922	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	202130	20.00	ng		0.00
75) Chrysene-d12	13.96	240	171355	20.00	ng		0.00
86) Perylene-d12	15.36	264	176311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	266500	81.60	ng		0.00
7) Phenol-d6	6.44	99	369194	82.12	ng		0.00
23) Nitrobenzene-d5	7.38	82	372277	82.77	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	96915	89.40	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	576204	81.38	ng		0.00
78) Terphenyl-d14	12.91	244	670352	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	62168	39.30	ng		99
3) Pyridine	3.04	79	190346	42.79	ng		99
4) n-Nitrosodimethylamine	2.98	42	94562	41.09	ng		96
6) Aniline	6.46	93	253589	38.03	ng		98
8) 2-Chlorophenol	6.59	128	157430	42.46	ng		94
9) Benzaldehyde	6.35	77	123911	40.01	ng		100
10) Phenol	6.45	94	235439	43.64	ng		100
11) bis(2-Chloroethyl)ether	6.54	93	146458	38.35	ng		100
12) 1,3-Dichlorobenzene	6.75	146	161040	40.04	ng		98
13) 1,4-Dichlorobenzene	6.83	146	159271	38.89	ng		98
14) 1,2-Dichlorobenzene	6.98	146	149235	39.75	ng		99
15) Benzyl Alcohol	6.96	79	152067	42.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	300064	38.28	ng		99
17) 2-Methylphenol	7.07	107	135749	40.85	ng		98
18) Hexachloroethane	7.32	117	61888	39.79	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	128536	40.15	ng		97
20) 3+4-Methylphenols	7.22	107	149296	37.06	ng		98
22) Acetophenone	7.22	105	192244	36.28	ng		97
24) Nitrobenzene	7.39	77	164355	35.85	ng		99
25) Isophorone	7.64	82	338641	39.28	ng		98
26) 2-Nitrophenol	7.71	139	80228	41.70	ng		98
27) 2,4-Dimethylphenol	7.76	122	149659	40.55	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	179082	35.05	ng		99
29) 2,4-Dichlorophenol	7.95	162	113638	38.62	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	133357	40.88	ng		99
31) Naphthalene	8.12	128	466864	40.60	ng		99
32) Benzoic acid	7.87	122	101685	43.32	ng		97
33) 4-Chloroaniline	8.17	127	196500	41.35	ng		99
34) Hexachlorobutadiene	8.24	225	71016	38.26	ng		98
35) Caprolactam	8.54	113	46348	42.20	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	144440	40.75	ng		97
37) 2-Methylnaphthalene	8.81	142	291067	41.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	124560	40.52	ng		99
40) Hexachlorocyclopentadiene	8.97	237	73373	41.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	82751	36.49	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	90949	39.55	ng		97
45) 1,1'-Biphenyl	9.28	154	361362	42.32	ng		98
46) 2-Chloronaphthalene	9.30	162	280850	42.07	ng		97
47) 2-Nitroaniline	9.39	65	120033	44.21	ng		98
48) Acenaphthylene	9.71	152	493778	42.17	ng		100
49) Dimethylphthalate	9.57	163	296855	37.04	ng		100
50) 2,6-Dinitrotoluene	9.63	165	64995	37.82	ng		100
51) Acenaphthene	9.88	154	299776	42.14	ng		99
52) 3-Nitroaniline	9.80	138	88924	41.85	ng		98
53) 2,4-Dinitrophenol	9.90	184	42926	45.59	ng		92
54) Dibenzofuran	10.05	168	403362	41.86	ng		99
55) 4-Nitrophenol	9.96	139	69617	43.41	ng		90
56) 2,4-Dinitrotoluene	10.03	165	84403	36.51	ng		99
57) Fluorene	10.40	166	324339	43.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72399	39.46	ng		97
59) Diethylphthalate	10.27	149	330686	37.88	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	128702	36.42	ng		100
61) 4-Nitroaniline	10.41	138	90680	41.61	ng		82
62) Azobenzene	10.54	77	381121	39.84	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	58374	44.33	ng		91
65) n-Nitrosodiphenylamine	10.51	169	302654	42.03	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	85881	39.09	ng		95
67) Hexachlorobenzene	10.94	284	96781	40.74	ng	#	96
68) Atrazine	11.04	200	85378	41.06	ng		96
69) Pentachlorophenol	11.13	266	54144	40.67	ng		98
70) Phenanthrene	11.36	178	460909	38.96	ng		100
71) Anthracene	11.40	178	462634	39.74	ng		100
72) Carbazole	11.56	167	457159	38.88	ng		99
73) Di-n-butylphthalate	11.89	149	552804	38.56	ng		100
74) Fluoranthene	12.53	202	504867	39.04	ng		98
76) Benzidine	12.66	184	311038	44.43	ng		100
77) Pyrene	12.76	202	540182	42.41	ng		99
79) Butylbenzylphthalate	13.39	149	264350	43.39	ng		91
80) Benzo(a)anthracene	13.95	228	457767	40.89	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	191839	45.77	ng	#	95
82) Chrysene	13.99	228	465015	43.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	356104	42.65	ng	#	98
84) Di-n-octyl phthalate	14.56	149	637684	43.34	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	461545	44.30	ng		99
87) Benzo(b)fluoranthene	14.97	252	533108m	43.05	ng		
88) Benzo(k)fluoranthene	14.99	252	360062m	34.52	ng		
89) Benzo(a)pyrene	15.30	252	423748	39.71	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	380967	41.42	ng		98
91) Benzo(g,h,i)perylene	17.13	276	366897	41.15	ng		98

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

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