Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083684.D
Acq On : 10 Dec 2015 19:01
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:32 PM

Quant Time: Dec 17 11:22:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	131669	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	489462	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	246454	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	462323	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	411051	20.00	ng		-0.08
86) Perylene-d12	18.58	264	345154	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	3.89	112	719564	82.89	ng		-0.08
7) Phenol-d6	5.18	99	937711	80.84	ng		-0.09
23) Nitrobenzene-d5	6.44	82	871553	83.09	ng		-0.09
41) 2,4,6-Tribromophenol	11.58	330	186662	85.01	ng		-0.10
44) 2-Fluorobiphenyl	9.25	172	1422941	81.26	ng		-0.09
78) Terphenyl-d14	15.31	244	1413737	80.92	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	181026m	42.21	ng		
3) Pyridine	2.18	79	417019	40.02	ng		99
4) n-Nitrosodimethylamine	2.14	42	191831	34.97	ng		89
6) Aniline	5.17	93	567414	39.70	ng	#	85
8) 2-Chlorophenol	5.33	128	386370	40.70	ng		98
9) Benzaldehyde	5.02	77	260681	42.07	ng		98
10) Phenol	5.21	94	572117	40.72	ng		90
11) bis(2-Chloroethyl)ether	5.28	93	422446	40.87	ng		98
12) 1,3-Dichlorobenzene	5.53	146	430949	40.73	ng		98
13) 1,4-Dichlorobenzene	5.63	146	433996	39.98	ng		99
14) 1,2-Dichlorobenzene	5.85	146	407882	40.49	ng		98
15) Benzyl Alcohol	5.87	79	325820	39.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	746365	39.05	ng	#	61
17) 2-Methylphenol	6.06	107	308406	39.93	ng	#	89
18) Hexachloroethane	6.32	117	152480	39.78	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	319103	39.41	ng		92
20) 3+4-Methylphenols	6.30	107	383336	37.69	ng		98
22) Acetophenone	6.24	105	559240	40.73	ng		99
24) Nitrobenzene	6.48	77	479487	41.36	ng		97
25) Isophorone	6.84	82	852086	41.86	ng		97
26) 2-Nitrophenol	6.96	139	198796	43.18	ng		99
27) 2,4-Dimethylphenol	7.08	122	347273	43.12	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	469539	41.54	ng		99
29) 2,4-Dichlorophenol	7.37	162	305894	41.77	ng		97
30) 1,2,4-Trichlorobenzene	7.44	180	333030	41.17	ng		98
31) Naphthalene	7.54	128	1084238	41.82	ng		99
32) Benzoic acid	7.42	122	158211	31.75	ng		97
33) 4-Chloroaniline	7.70	127	339832	35.95	ng		94
34) Hexachlorobutadiene	7.74	225	198540	42.01	ng		100
35) Caprolactam	8.30	113	97480m	44.35	ng		
36) 4-Chloro-3-methylphenol	8.53	107	357192	43.41	ng		98
37) 2-Methylnaphthalene	8.65	142	694776	42.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	334078	41.29	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	16884	25.19	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	191095	39.69	ng		97
43) 2,4,5-Trichlorophenol	9.24	196	181864	38.16	ng	#	88
45) 1,1'-Biphenyl	9.40	154	895648	41.81	ng		98
46) 2-Chloronaphthalene	9.41	162	674917	41.73	ng		96
47) 2-Nitroaniline	9.64	65	245731	42.13	ng		89
48) Acenaphthylene	10.06	152	1101340	41.30	ng		99
49) Dimethylphthalate	9.95	163	793744	40.46	ng		99
50) 2,6-Dinitrotoluene	10.04	165	169582	41.87	ng		98
51) Acenaphthene	10.35	154	632270	41.41	ng		97
52) 3-Nitroaniline	10.32	138	181878	42.25	ng		99
53) 2,4-Dinitrophenol	10.58	184	76508	41.10	ng		95
54) Dibenzofuran	10.64	168	888138	41.95	ng		98
55) 4-Nitrophenol	10.78	139	60022	31.67	ng		88
56) 2,4-Dinitrotoluene	10.72	165	234610	43.67	ng	#	79
57) Fluorene	11.18	166	764221	41.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	150185	39.28	ng	#	100
59) Diethylphthalate	11.09	149	770770	40.41	ng		98
60) 4-Chlorophenyl-phenylether	11.21	204	366473	41.66	ng		98
61) 4-Nitroaniline	11.32	138	175236	44.81	ng		91
62) Azobenzene	11.47	77	921111	43.88	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	122921	39.39	ng		83
65) n-Nitrosodiphenylamine	11.42	169	628247	41.17	ng		98
66) 4-Bromophenyl-phenylether	12.00	248	216626	42.01	ng		94
67) Hexachlorobenzene	12.08	284	225924	41.30	ng	#	86
68) Atrazine	12.34	200	189727	41.79	ng		97
69) Pentachlorophenol	12.48	266	27503	24.72	ng		97
70) Phenanthrene	12.73	178	1114829	41.97	ng		100
71) Anthracene	12.82	178	1176094	42.74	ng		100
72) Carbazole	13.12	167	1034305	43.83	ng		98
73) Di-n-butylphthalate	13.73	149	1253986	42.25	ng		99
74) Fluoranthene	14.66	202	1179609	43.41	ng		99
76) Benzidine	14.95	184	502534	39.30	ng		98
77) Pyrene	15.01	202	1204792	40.71	ng		100
79) Butylbenzylphthalate	16.15	149	548149	41.73	ng		96
80) Benzo(a)anthracene	16.90	228	975625	40.55	ng		99
81) 3,3'-Dichlorobenzidine	16.89	252	363103	44.68	ng		100
82) Chrysene	16.95	228	1032901	42.83	ng		99
83) Bis(2-ethylhexyl)phthalate	17.01	149	751565	41.22	ng		100
84) Di-n-octyl phthalate	17.78	149	1189932	42.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	721733	44.33	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	875835	44.56	ng	#	97
88) Benzo(k)fluoranthene	18.21	252	858128m	39.62	ng		
89) Benzo(a)pyrene	18.51	252	807270	42.09	ng		97
90) Dibenzo(a,h)anthracene	19.77	278	629834	42.95	ng		100
91) Benzo(g,h,i)perylene	20.13	276	563650	39.42	ng		96

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

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