Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078376.D
Acq On : 10 Apr 2015 1:08
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/10/2015 5:13:21 PM

Quant Time: Apr 10 02:03:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 00:58:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	38048	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	162029	20.00	ng		0.00
38) Acenaphthene-d10	10.63	164	81858	20.00	ng		0.00
63) Phenanthrene-d10	12.44	188	156241	20.00	ng		-0.01
75) Chrysene-d12	15.71	240	157377	20.00	ng		-0.01
86) Perylene-d12	17.41	264	152177	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	195252	84.61	ng		-0.01
7) Phenol-d6	6.48	99	240690	83.23	ng		-0.01
23) Nitrobenzene-d5	7.58	82	210158	78.62	ng		0.00
41) 2,4,6-Tribromophenol	11.60	330	58811	86.63	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	464959	81.19	ng		0.00
78) Terphenyl-d14	14.44	244	551180	79.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	43588	41.77	ng		97
3) Pyridine	2.28	79	117936	43.15	ng		98
4) n-Nitrosodimethylamine	2.22	42	52001	49.42	ng		78
6) Aniline	6.48	93	176689	43.08	ng		93
8) 2-Chlorophenol	6.61	128	112598	41.27	ng		95
9) Benzaldehyde	6.33	77	72678	37.92	ng		98
10) Phenol	6.50	94	147180	42.47	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	104004	41.74	ng		95
12) 1,3-Dichlorobenzene	6.81	146	122893	41.00	ng	#	90
13) 1,4-Dichlorobenzene	6.91	146	125276	41.52	ng		94
14) 1,2-Dichlorobenzene	7.08	146	112498	39.77	ng		99
15) Benzyl Alcohol	7.08	79	87920	43.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.26	45	133454	40.15	ng		96
17) 2-Methylphenol	7.24	107	88526	41.79	ng		96
18) Hexachloroethane	7.50	117	42871	42.14	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	82199	43.08	ng		98
20) 3+4-Methylphenols	7.45	107	121994	43.17	ng		91
22) Acetophenone	7.40	105	152422	40.37	ng	#	89
24) Nitrobenzene	7.61	77	115996	41.51	ng	#	82
25) Isophorone	7.92	82	216034	42.58	ng		98
26) 2-Nitrophenol	8.01	139	54659	41.04	ng		93
27) 2,4-Dimethylphenol	8.09	122	101211	40.87	ng		97
28) bis(2-Chloroethoxy)methane	8.20	93	130103	39.99	ng		98
29) 2,4-Dichlorophenol	8.30	162	94747	42.06	ng		91
30) 1,2,4-Trichlorobenzene	8.40	180	99720	38.61	ng	#	97
31) Naphthalene	8.49	128	344463	40.85	ng		99
32) Benzoic acid	8.22	122	52030	45.08	ng		94
33) 4-Chloroaniline	8.58	127	148952	42.56	ng		99
34) Hexachlorobutadiene	8.65	225	56156	39.59	ng		96
35) Caprolactam	9.01	113	29033	43.17	ng		93
36) 4-Chloro-3-methylphenol	9.20	107	97053	42.70	ng		99
37) 2-Methylnaphthalene	9.34	142	223927	39.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	101775	40.13	ng		99
40) Hexachlorocyclopentadiene	9.54	237	36628	37.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	67778	42.37	ng		96
43) 2,4,5-Trichlorophenol	9.76	196	70906	42.43	ng	#	88
45) 1,1'-Biphenyl	9.93	154	265469	39.65	ng		99
46) 2-Chloronaphthalene	9.94	162	208830	39.64	ng		97
47) 2-Nitroaniline	10.09	65	61645	47.29	ng	#	70
48) Acenaphthylene	10.45	152	344735	40.52	ng		99
49) Dimethylphthalate	10.33	163	241664	39.30	ng		99
50) 2,6-Dinitrotoluene	10.40	165	52568	41.55	ng	#	60
51) Acenaphthene	10.66	154	192505	40.19	ng		99
52) 3-Nitroaniline	10.59	138	61585	42.81	ng		83
53) 2,4-Dinitrophenol	10.74	184	14737	41.13	ng	#	86
54) Dibenzofuran	10.88	168	294496	40.26	ng		99
55) 4-Nitrophenol	10.83	139	37779	37.19	ng	#	64
56) 2,4-Dinitrotoluene	10.89	165	69881	42.64	ng	#	75
57) Fluorene	11.30	166	247875	41.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	54054	43.63	ng		100
59) Diethylphthalate	11.20	149	232366	39.19	ng		97
60) 4-Chlorophenyl-phenylether	11.31	204	111769	40.97	ng	#	76
61) 4-Nitroaniline	11.35	138	62444	42.94	ng		95
62) Azobenzene	11.51	77	212215	39.21	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	29078	39.37	ng	#	56
65) n-Nitrosodiphenylamine	11.47	169	220642	40.83	ng		98
66) 4-Bromophenyl-phenylether	11.92	248	66054	39.92	ng	#	90
67) Hexachlorobenzene	11.96	284	71148	39.24	ng	#	83
68) Atrazine	12.15	200	61281	39.15	ng		97
69) Pentachlorophenol	12.23	266	34982	47.05	ng		99
70) Phenanthrene	12.48	178	358069	39.62	ng		100
71) Anthracene	12.55	178	363040	40.76	ng		99
72) Carbazole	12.75	167	340513	40.80	ng		99
73) Di-n-butylphthalate	13.22	149	386778	40.91	ng		100
74) Fluoranthene	13.94	202	382822	40.17	ng		96
76) Benzidine	14.13	184	245865	40.57	ng		99
77) Pyrene	14.21	202	397509	40.24	ng		99
79) Butylbenzylphthalate	15.07	149	171416	45.52	ng	#	77
80) Benzo(a)anthracene	15.70	228	368611	39.37	ng		99
81) 3,3'-Dichlorobenzidine	15.69	252	129974	41.45	ng	#	97
82) Chrysene	15.75	228	355869	40.45	ng		99
83) Bis(2-ethylhexyl)phthalate	15.79	149	243649	41.26	ng	#	98
84) Di-n-octyl phthalate	16.58	149	405176	41.78	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.68	276	421482	42.22	ng	#	87
87) Benzo(b)fluoranthene	16.98	252	396521	42.16	ng	#	96
88) Benzo(k)fluoranthene	17.01	252	314011m	37.57	ng		
89) Benzo(a)pyrene	17.36	252	333323	40.61	ng	#	96
90) Dibenzo(a,h)anthracene	18.71	278	334102	40.66	ng		99
91) Benzo(g,h,i)perylene	19.04	276	335951	40.77	ng		99

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

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