Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078374.D
Acq On : 9 Apr 2015 22:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/10/2015 5:13:14 PM

Quant Time: Apr 10 01:59:25 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	42419	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	177773	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	86513	20.00	ng		0.00
63) Phenanthrene-d10	12.44	188	166539	20.00	ng		-0.01
75) Chrysene-d12	15.71	240	164904	20.00	ng		-0.01
86) Perylene-d12	17.44	264	158476	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	210885	81.97	ng		-0.01
7) Phenol-d6	6.48	99	267687	83.02	ng		-0.01
23) Nitrobenzene-d5	7.58	82	229845	78.37	ng		0.00
41) 2,4,6-Tribromophenol	11.60	330	65851	91.78	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	503908	83.26	ng		0.00
78) Terphenyl-d14	14.44	244	577402	79.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	44618	38.35	ng		96
3) Pyridine	2.28	79	132461	43.47	ng		94
4) n-Nitrosodimethylamine	2.24	42	52362	44.64	ng		96
6) Aniline	6.48	93	189884	41.53	ng		92
8) 2-Chlorophenol	6.61	128	123941	40.74	ng		94
9) Benzaldehyde	6.33	77	81239	38.02	ng		99
10) Phenol	6.50	94	161480	41.80	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	112013	40.32	ng		98
12) 1,3-Dichlorobenzene	6.81	146	131896	39.47	ng	#	92
13) 1,4-Dichlorobenzene	6.91	146	135476	40.28	ng		95
14) 1,2-Dichlorobenzene	7.09	146	123469	39.15	ng	#	92
15) Benzyl Alcohol	7.08	79	97978	43.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.26	45	147356	39.76	ng		98
17) 2-Methylphenol	7.24	107	97560	41.30	ng		96
18) Hexachloroethane	7.50	117	47342	41.74	ng		90
19) n-Nitroso-di-n-propylamine	7.42	70	90697	42.63	ng		97
20) 3+4-Methylphenols	7.45	107	135511	43.01	ng		92
22) Acetophenone	7.40	105	169347	40.88	ng	#	89
24) Nitrobenzene	7.61	77	126183	41.15	ng	#	83
25) Isophorone	7.92	82	233099	41.88	ng		99
26) 2-Nitrophenol	8.01	139	62855	43.02	ng		92
27) 2,4-Dimethylphenol	8.09	122	108431	39.91	ng		95
28) bis(2-Chloroethoxy)methane	8.20	93	138733	38.87	ng		98
29) 2,4-Dichlorophenol	8.30	162	100412	40.62	ng		90
30) 1,2,4-Trichlorobenzene	8.40	180	109224	38.54	ng	#	97
31) Naphthalene	8.49	128	364153	39.36	ng		99
32) Benzoic acid	8.22	122	63528	49.51	ng		95
33) 4-Chloroaniline	8.58	127	160573	41.82	ng		99
34) Hexachlorobutadiene	8.65	225	61916	39.79	ng		97
35) Caprolactam	9.01	113	30913	41.90	ng		98
36) 4-Chloro-3-methylphenol	9.20	107	107112	42.95	ng		98
37) 2-Methylnaphthalene	9.34	142	242549	38.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	109772	40.95	ng		100
40) Hexachlorocyclopentadiene	9.54	237	41918	40.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	75391	44.60	ng		99
43) 2,4,5-Trichlorophenol	9.76	196	78447	44.42	ng	#	89
45) 1,1'-Biphenyl	9.93	154	282794	39.96	ng		98
46) 2-Chloronaphthalene	9.94	162	223666	40.17	ng		96
47) 2-Nitroaniline	10.09	65	67670	49.12	ng	#	70
48) Acenaphthylene	10.45	152	374034	41.60	ng		100
49) Dimethylphthalate	10.33	163	266230	40.96	ng		98
50) 2,6-Dinitrotoluene	10.40	165	58078	43.43	ng	#	60
51) Acenaphthene	10.66	154	207002	40.89	ng		100
52) 3-Nitroaniline	10.60	138	68293	44.91	ng	#	79
53) 2,4-Dinitrophenol	10.74	184	18128	45.59	ng	#	88
54) Dibenzofuran	10.88	168	322811	41.75	ng		100
55) 4-Nitrophenol	10.84	139	43187m	40.01	ng		
56) 2,4-Dinitrotoluene	10.89	165	76296	44.05	ng	#	76
57) Fluorene	11.30	166	267405	42.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	58647	44.79	ng		98
59) Diethylphthalate	11.20	149	253007	40.37	ng		97
60) 4-Chlorophenyl-phenylether	11.32	204	114287	39.64	ng		96
61) 4-Nitroaniline	11.34	138	68671	44.68	ng		94
62) Azobenzene	11.50	77	234447	40.99	ng		100
64) 4,6-Dinitro-2-methylphenol	11.39	198	35643	43.99	ng	#	58
65) n-Nitrosodiphenylamine	11.47	169	236167	41.00	ng		99
66) 4-Bromophenyl-phenylether	11.92	248	72178	40.92	ng		93
67) Hexachlorobenzene	11.96	284	74085	38.33	ng	#	78
68) Atrazine	12.14	200	67434	40.42	ng		97
69) Pentachlorophenol	12.22	266	35744	45.42	ng		99
70) Phenanthrene	12.48	178	377443	39.18	ng		99
71) Anthracene	12.55	178	388042	40.88	ng		100
72) Carbazole	12.75	167	353797	39.77	ng		98
73) Di-n-butylphthalate	13.22	149	413304	41.01	ng		99
74) Fluoranthene	13.94	202	401565	39.53	ng		97
76) Benzidine	14.13	184	231171	36.41	ng		99
77) Pyrene	14.21	202	415754	40.16	ng		99
79) Butylbenzylphthalate	15.07	149	182911	46.36	ng	#	81
80) Benzo(a)anthracene	15.70	228	385069	39.25	ng		98
81) 3,3'-Dichlorobenzidine	15.69	252	136735	41.61	ng	#	96
82) Chrysene	15.75	228	372584	40.42	ng		100
83) Bis(2-ethylhexyl)phthalate	15.79	149	261556	42.27	ng	#	95
84) Di-n-octyl phthalate	16.59	149	440337	43.34	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.71	276	427173	40.84	ng	#	86
87) Benzo(b)fluoranthene	17.00	252	381663	38.97	ng		99
88) Benzo(k)fluoranthene	17.03	252	360894m	41.46	ng		
89) Benzo(a)pyrene	17.38	252	352770	41.27	ng		99
90) Dibenzo(a,h)anthracene	18.73	278	341853	39.95	ng		96
91) Benzo(g,h,i)perylene	19.06	276	338640	39.47	ng		97

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

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