Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081876.D
Acq On : 29 Sep 2015 13:20
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
9/30/2015 9:09:02 AM

Quant Time: Sep 30 00:50:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	103337	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	406508	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	187567	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	382161	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	371375	20.00	ng		-0.01
86) Perylene-d12	15.57	264	308173	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	360027	63.25	ng		-0.01
7) Phenol-d6	6.55	99	514136	71.78	ng		-0.01
23) Nitrobenzene-d5	7.50	82	494884	81.15	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	159915	84.18	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1023311	92.98	ng		-0.01
78) Terphenyl-d14	13.04	244	985947	86.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	86474	34.93	ng		88
3) Pyridine	3.30	79	205284	31.85	ng		90
4) n-Nitrosodimethylamine	3.26	42	98324	33.59	ng		95
6) Aniline	6.58	93	339477	35.28	ng	#	82
8) 2-Chlorophenol	6.71	128	233751	37.19	ng		99
9) Benzaldehyde	6.47	77	177180	37.77	ng	#	76
10) Phenol	6.56	94	275866	34.33	ng	#	58
11) bis(2-Chloroethyl)ether	6.66	93	243670	39.10	ng		93
12) 1,3-Dichlorobenzene	6.86	146	273856	36.88	ng	#	91
13) 1,4-Dichlorobenzene	6.94	146	288660m	37.23	ng		
14) 1,2-Dichlorobenzene	7.10	146	259768	37.60	ng		99
15) Benzyl Alcohol	7.07	79	186997	36.16	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	319309	36.25	ng		77
17) 2-Methylphenol	7.18	107	185141	36.33	ng	#	84
18) Hexachloroethane	7.43	117	93337	38.45	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	157366	36.15	ng	#	78
20) 3+4-Methylphenols	7.34	107	236441	36.73	ng	#	38
22) Acetophenone	7.34	105	328649	39.54	ng	#	79
24) Nitrobenzene	7.51	77	254711	38.47	ng	#	66
25) Isophorone	7.75	82	479152	39.64	ng	#	89
26) 2-Nitrophenol	7.83	139	133640	42.04	ng	#	70
27) 2,4-Dimethylphenol	7.86	122	220091	39.36	ng	#	80
28) bis(2-Chloroethoxy)methane	7.97	93	278094	38.74	ng	#	95
29) 2,4-Dichlorophenol	8.07	162	215270	39.70	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	237130	39.17	ng		97
31) Naphthalene	8.23	128	695818	38.63	ng		97
32) Benzoic acid	7.99	122	117206	37.02	ng	#	69
33) 4-Chloroaniline	8.29	127	306366	39.33	ng	#	91
34) Hexachlorobutadiene	8.34	225	138533	38.70	ng		98
35) Caprolactam	8.66	113	58773	39.15	ng	#	82
36) 4-Chloro-3-methylphenol	8.77	107	222631	41.99	ng		87
37) 2-Methylnaphthalene	8.93	142	488490	39.73	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	241276	41.90	ng		98
40) Hexachlorocyclopentadiene	9.07	237	135952	45.85	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	159209	40.33	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	189964	46.79	ng		96
45) 1,1'-Biphenyl	9.39	154	616985	42.64	ng		94
46) 2-Chloronaphthalene	9.42	162	488395	42.99	ng		96
47) 2-Nitroaniline	9.52	65	148986	44.67	ng		88
48) Acenaphthylene	9.83	152	737974	40.58	ng		96
49) Dimethylphthalate	9.69	163	557109	43.03	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	133173	47.38	ng	#	92
51) Acenaphthene	10.00	154	412119	38.16	ng		88
52) 3-Nitroaniline	9.93	138	139885	43.01	ng	#	74
53) 2,4-Dinitrophenol	10.03	184	44125	45.75	ng	#	56
54) Dibenzofuran	10.17	168	569687	37.33	ng	#	83
55) 4-Nitrophenol	10.09	139	90292	38.43	ng	#	60
56) 2,4-Dinitrotoluene	10.16	165	160502	44.79	ng	#	89
57) Fluorene	10.51	166	471262	43.08	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	136807	42.48	ng		95
59) Diethylphthalate	10.39	149	527104	43.59	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	226869	40.60	ng		95
61) 4-Nitroaniline	10.55	138	133064	40.81	ng	#	45
62) Azobenzene	10.67	77	508512	43.08	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	69439	41.41	ng	#	62
65) n-Nitrosodiphenylamine	10.63	169	420289	36.35	ng		90
66) 4-Bromophenyl-phenylether	11.01	248	153118	39.74	ng	#	91
67) Hexachlorobenzene	11.06	284	174129	40.04	ng	#	83
68) Atrazine	11.15	200	132902	37.04	ng		82
69) Pentachlorophenol	11.26	266	105197	42.46	ng		99
70) Phenanthrene	11.49	178	752476	40.76	ng		97
71) Anthracene	11.53	178	752349	38.73	ng		97
72) Carbazole	11.69	167	706445	40.19	ng		94
73) Di-n-butylphthalate	12.01	149	850614	47.58	ng	#	98
74) Fluoranthene	12.67	202	838947	40.98	ng		86
76) Benzidine	12.80	184	395950	35.39	ng	#	96
77) Pyrene	12.90	202	852082	38.41	ng		96
79) Butylbenzylphthalate	13.52	149	380233	45.55	ng		95
80) Benzo(a)anthracene	14.09	228	762786	38.14	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	273482	40.49	ng	#	94
82) Chrysene	14.13	228	649613	32.77	ng		94
83) Bis(2-ethylhexyl)phthalate	14.08	149	528804	50.50	ng		95
84) Di-n-octyl phthalate	14.69	149	871168	51.12	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	661724	42.30	ng	#	85
87) Benzo(b)fluoranthene	15.14	252	649934	36.94	ng	#	86
88) Benzo(k)fluoranthene	15.18	252	647206m	40.13	ng		
89) Benzo(a)pyrene	15.51	252	578128	37.88	ng	#	85
90) Dibenzo(a,h)anthracene	17.05	278	542122	42.34	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	588065	44.81	ng	#	75

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

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