Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
Data File : BF081894.D
Acq On : 30 Sep 2015 3:15
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
9/30/2015 9:09:39 AM

Quant Time: Sep 30 06:39:07 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	94834	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	354665	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	165553	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	345897	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	473189	20.00	ng		-0.01
86) Perylene-d12	15.57	264	347144	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	468810	89.74	ng		-0.01
7) Phenol-d6	6.55	99	496060	75.46	ng		-0.01
23) Nitrobenzene-d5	7.49	82	445403	83.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	145453	86.75	ng		-0.01
44) 2-Fluorobiphenyl	9.29	172	887154	90.89	ng		-0.01
78) Terphenyl-d14	13.04	244	1158281	77.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	106527	46.89	ng		86
3) Pyridine	3.28	79	253303	42.83	ng		86
4) n-Nitrosodimethylamine	3.23	42	108760	40.48	ng		96
6) Aniline	6.58	93	318611	36.08	ng	#	87
8) 2-Chlorophenol	6.70	128	217964	37.78	ng		84
9) Benzaldehyde	6.47	77	142669	33.14	ng	#	81
10) Phenol	6.56	94	289871	39.31	ng		74
11) bis(2-Chloroethyl)ether	6.66	93	230492	40.31	ng		89
12) 1,3-Dichlorobenzene	6.86	146	258803m	37.98	ng		
13) 1,4-Dichlorobenzene	6.94	146	287125m	40.35	ng		
14) 1,2-Dichlorobenzene	7.10	146	243203	38.36	ng		98
15) Benzyl Alcohol	7.06	79	157528	33.20	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	320832	39.69	ng		80
17) 2-Methylphenol	7.18	107	177027	37.85	ng	#	87
18) Hexachloroethane	7.43	117	88825	39.87	ng		91
19) n-Nitroso-di-n-propylamine	7.34	70	166136	41.58	ng	#	77
20) 3+4-Methylphenols	7.33	107	219909	37.22	ng	#	75
22) Acetophenone	7.34	105	311184	42.91	ng	#	84
24) Nitrobenzene	7.51	77	262936	45.51	ng	#	70
25) Isophorone	7.75	82	422271	40.04	ng	#	94
26) 2-Nitrophenol	7.83	139	111722	40.29	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	186156	38.16	ng	#	84
28) bis(2-Chloroethoxy)methane	7.95	93	235845	37.66	ng	#	92
29) 2,4-Dichlorophenol	8.07	162	181950	38.46	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	213257	40.38	ng		98
31) Naphthalene	8.23	128	626150	39.84	ng		97
32) Benzoic acid	7.97	122	92431	34.17	ng	#	68
33) 4-Chloroaniline	8.29	127	266135	39.16	ng	#	93
34) Hexachlorobutadiene	8.34	225	126989	40.66	ng		98
35) Caprolactam	8.65	113	54320	41.48	ng	#	69
36) 4-Chloro-3-methylphenol	8.77	107	182540	39.46	ng		93
37) 2-Methylnaphthalene	8.93	142	417908	38.96	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	213741	42.05	ng		99
40) Hexachlorocyclopentadiene	9.07	237	113056	43.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	138122	39.64	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	154857	43.22	ng	#	89
45) 1,1'-Biphenyl	9.39	154	509088	39.86	ng		94
46) 2-Chloronaphthalene	9.42	162	429966	42.87	ng		98
47) 2-Nitroaniline	9.51	65	124262	42.21	ng	#	66
48) Acenaphthylene	9.83	152	615932	38.37	ng		97
49) Dimethylphthalate	9.69	163	485564	42.49	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	96574	38.93	ng		93
51) Acenaphthene	10.00	154	366383	38.44	ng		89
52) 3-Nitroaniline	9.93	138	112444	39.17	ng	#	81
53) 2,4-Dinitrophenol	10.03	184	27481	36.31	ng	#	48
54) Dibenzofuran	10.17	168	531713	39.47	ng	#	86
55) 4-Nitrophenol	10.08	139	62761	30.26	ng	#	44
56) 2,4-Dinitrotoluene	10.16	165	141977	44.89	ng	#	95
57) Fluorene	10.51	166	461199	48.01	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.29	232	131118	46.13	ng		97
59) Diethylphthalate	10.39	149	518679	48.59	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	211050	42.79	ng	#	76
61) 4-Nitroaniline	10.55	138	132006	45.87	ng	#	56
62) Azobenzene	10.66	77	467022	44.83	ng		87
64) 4,6-Dinitro-2-methylphenol	10.56	198	58306	38.93	ng		97
65) n-Nitrosodiphenylamine	10.63	169	423596	40.48	ng		92
66) 4-Bromophenyl-phenylether	10.99	248	143357	41.10	ng	#	81
67) Hexachlorobenzene	11.06	284	167163	42.47	ng	#	79
68) Atrazine	11.15	200	142049	43.75	ng		83
69) Pentachlorophenol	11.26	266	87095	38.84	ng		98
70) Phenanthrene	11.47	178	688994	41.25	ng		96
71) Anthracene	11.53	178	670459	38.14	ng		97
72) Carbazole	11.69	167	642681	40.39	ng		97
73) Di-n-butylphthalate	12.01	149	687663	42.35	ng	#	98
74) Fluoranthene	12.66	202	1005803	54.28	ng		93
76) Benzidine	12.80	184	494275	34.67	ng	#	97
77) Pyrene	12.90	202	1029279	36.41	ng		96
79) Butylbenzylphthalate	13.52	149	470565	44.24	ng	#	93
80) Benzo(a)anthracene	14.09	228	917806	36.02	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	349741	40.64	ng	#	94
82) Chrysene	14.13	228	916430	38.34	ng		93
83) Bis(2-ethylhexyl)phthalate	14.07	149	621320	46.56	ng	#	91
84) Di-n-octyl phthalate	14.69	149	1064268	49.01	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.03	276	714583	35.85	ng	#	86
87) Benzo(b)fluoranthene	15.14	252	773296	39.02	ng	#	84
88) Benzo(k)fluoranthene	15.17	252	651769m	35.88	ng		
89) Benzo(a)pyrene	15.51	252	656031	38.16	ng	#	83
90) Dibenzo(a,h)anthracene	17.04	278	583728	40.47	ng	#	81
91) Benzo(g,h,i)perylene	17.46	276	558564	37.79	ng	#	75

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

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