Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
Data File : BF081909.D
Acq On : 30 Sep 2015 12:38
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
9/30/2015 3:49:50 PM

Quant Time: Sep 30 13:31:24 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	114888	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	283918	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	149161	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	354294	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	335781	20.00	ng		-0.01
86) Perylene-d12	15.57	264	405450	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	448347	70.84	ng		-0.01
7) Phenol-d6	6.55	99	609569	76.54	ng		-0.01
23) Nitrobenzene-d5	7.49	82	550518	129.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	147517	97.65	ng		-0.01
44) 2-Fluorobiphenyl	9.29	172	775029	87.43	ng		-0.01
78) Terphenyl-d14	13.04	244	939583	92.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	114844	41.73	ng		86
3) Pyridine	3.29	79	274184	38.26	ng		86
4) n-Nitrosodimethylamine	3.25	42	112915	34.69	ng		100
6) Aniline	6.58	93	396482	37.06	ng	#	86
8) 2-Chlorophenol	6.71	128	267200	38.23	ng		96
9) Benzaldehyde	6.47	77	182071	34.91	ng	#	78
10) Phenol	6.56	94	352852	39.50	ng		71
11) bis(2-Chloroethyl)ether	6.66	93	278541	40.21	ng		90
12) 1,3-Dichlorobenzene	6.86	146	311701m	37.76	ng		
13) 1,4-Dichlorobenzene	6.94	146	321543m	37.30	ng		
14) 1,2-Dichlorobenzene	7.10	146	302353	39.36	ng		99
15) Benzyl Alcohol	7.06	79	192884	33.55	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.20	45	379918	38.79	ng		81
17) 2-Methylphenol	7.18	107	222512	39.27	ng	#	88
18) Hexachloroethane	7.43	117	95458	35.37	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	188222	38.89	ng	#	77
20) 3+4-Methylphenols	7.33	107	248547	34.73	ng	#	78
22) Acetophenone	7.34	105	362766	62.49	ng	#	84
24) Nitrobenzene	7.51	77	306568	66.29	ng	#	68
25) Isophorone	7.75	82	482637	57.17	ng	#	91
26) 2-Nitrophenol	7.83	139	101754	45.84	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	146886	37.61	ng	#	79
28) bis(2-Chloroethoxy)methane	7.95	93	185004	36.90	ng	#	92
29) 2,4-Dichlorophenol	8.07	162	148593	39.24	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	172421	40.78	ng		97
31) Naphthalene	8.23	128	467781m	37.18	ng		
32) Benzoic acid	7.98	122	68294	32.10	ng	#	67
33) 4-Chloroaniline	8.29	127	206138	37.89	ng	#	93
34) Hexachlorobutadiene	8.34	225	106082	42.43	ng		98
35) Caprolactam	8.66	113	42354	40.40	ng		90
36) 4-Chloro-3-methylphenol	8.77	107	153647	41.49	ng		92
37) 2-Methylnaphthalene	8.93	142	347758	40.50	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	178974	39.08	ng		98
40) Hexachlorocyclopentadiene	9.07	237	102031	43.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	118879	37.87	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	133326	41.30	ng	#	91
45) 1,1'-Biphenyl	9.38	154	429568	37.33	ng		94
46) 2-Chloronaphthalene	9.42	162	352152	38.97	ng		98
47) 2-Nitroaniline	9.51	65	104736	39.48	ng	#	62
48) Acenaphthylene	9.83	152	563841	38.99	ng		96
49) Dimethylphthalate	9.69	163	434025	42.15	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	87512	39.15	ng		94
51) Acenaphthene	10.00	154	337274	39.27	ng		88
52) 3-Nitroaniline	9.93	138	103632	40.07	ng	#	83
53) 2,4-Dinitrophenol	10.03	184	31109	42.29	ng	#	51
54) Dibenzofuran	10.17	168	475875	39.21	ng	#	86
55) 4-Nitrophenol	10.08	139	62171	33.27	ng	#	49
56) 2,4-Dinitrotoluene	10.16	165	126698	44.46	ng	#	98
57) Fluorene	10.51	166	454941	52.78	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.29	232	115252	45.01	ng		98
59) Diethylphthalate	10.39	149	504241	52.43	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	210989	47.48	ng	#	77
61) 4-Nitroaniline	10.55	138	125883	48.55	ng	#	54
62) Azobenzene	10.66	77	454047	48.38	ng		87
64) 4,6-Dinitro-2-methylphenol	10.56	198	63386	40.89	ng		97
65) n-Nitrosodiphenylamine	10.63	169	422828	39.44	ng		91
66) 4-Bromophenyl-phenylether	10.99	248	138365	38.73	ng	#	82
67) Hexachlorobenzene	11.06	284	160521	39.82	ng	#	78
68) Atrazine	11.15	200	137480	41.33	ng		83
69) Pentachlorophenol	11.26	266	91266	39.73	ng		99
70) Phenanthrene	11.47	178	652969	38.04	ng		96
71) Anthracene	11.53	178	755893	41.98	ng		97
72) Carbazole	11.69	167	657722	40.36	ng		96
73) Di-n-butylphthalate	12.01	149	777889	46.92	ng	#	98
74) Fluoranthene	12.66	202	756077	39.84	ng		92
76) Benzidine	12.80	184	358886	35.47	ng		97
77) Pyrene	12.90	202	738071	36.79	ng		97
79) Butylbenzylphthalate	13.52	149	366161	48.51	ng	#	91
80) Benzo(a)anthracene	14.09	228	671619	37.14	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	245033	40.13	ng	#	93
82) Chrysene	14.13	228	673007m	40.66	ng		
83) Bis(2-ethylhexyl)phthalate	14.07	149	471279	49.77	ng	#	91
84) Di-n-octyl phthalate	14.69	149	783870	50.87	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.03	276	821241	58.06	ng	#	86
87) Benzo(b)fluoranthene	15.13	252	844484	36.48	ng	#	88
88) Benzo(k)fluoranthene	15.17	252	671749m	31.66	ng		
89) Benzo(a)pyrene	15.50	252	719562	35.84	ng	#	88
90) Dibenzo(a,h)anthracene	17.04	278	681247	40.44	ng	#	81
91) Benzo(g,h,i)perylene	17.46	276	516327	29.91	ng	#	75

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

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