Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077250.D
Acq On : 11 Feb 2015 12:46
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
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2/12/2015 4:11:52 PM

Quant Time: Feb 12 01:41:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27600	20.00	ng		-0.05
21) Naphthalene-d8	10.46	136	114831m	20.00	ng		-0.03
38) Acenaphthene-d10	14.58	164	56832	20.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	97057	20.00	ng		-0.03
75) Chrysene-d12	20.99	240	84974	20.00	ng		-0.02
86) Perylene-d12	22.63	264	76122	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.56	112	142569	84.93	ng		-0.03
7) Phenol-d6	6.98	99	176758	83.47	ng		-0.03
23) Nitrobenzene-d5	8.86	82	180527	87.10	ng		-0.03
41) 2,4,6-Tribromophenol	16.34	330	38290	83.00	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	343429	91.96	ng		-0.05
78) Terphenyl-d14	19.72	244	321115	87.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.02	88	25982	36.15	ng		91
3) Pyridine	1.45	79	72983	39.24	ng		98
4) n-Nitrosodimethylamine	1.41	42	41241	44.76	ng		94
6) Aniline	6.83	93	120187	41.01	ng		98
8) 2-Chlorophenol	7.08	128	80744	41.72	ng		95
9) Benzaldehyde	6.54	77	45929	37.60	ng		97
10) Phenol	7.00	94	88094	39.18	ng		92
11) bis(2-Chloroethyl)ether	7.09	93	72679	41.31	ng	#	82
12) 1,3-Dichlorobenzene	7.39	146	91771	41.68	ng		98
13) 1,4-Dichlorobenzene	7.58	146	93739	40.15	ng		98
14) 1,2-Dichlorobenzene	7.89	146	88773	41.27	ng		96
15) Benzyl Alcohol	8.01	79	72509	42.31	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	102669	43.41	ng	#	59
17) 2-Methylphenol	8.36	107	64008	40.47	ng		97
18) Hexachloroethane	8.64	117	34648	42.67	ng		97
19) n-Nitroso-di-n-propylamine	8.64	70	59691	40.27	ng		96
20) 3+4-Methylphenols	8.75	107	83888m	40.06	ng		
22) Acetophenone	8.56	105	118593	42.16	ng		97
24) Nitrobenzene	8.90	77	86975	41.19	ng		96
25) Isophorone	9.50	82	159273	42.19	ng		99
26) 2-Nitrophenol	9.64	139	41470	38.71	ng		93
27) 2,4-Dimethylphenol	9.94	122	68657	42.05	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	91829	42.80	ng		98
29) 2,4-Dichlorophenol	10.26	162	61391	40.34	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	72203	42.72	ng		95
31) Naphthalene	10.51	128	246420	41.68	ng		99
32) Benzoic acid	10.36	122	32033m	35.41	ng		
33) 4-Chloroaniline	10.76	127	97188	40.68	ng		98
34) Hexachlorobutadiene	10.88	225	42090	41.97	ng		96
35) Caprolactam	11.65	113	18273m	40.79	ng		
36) 4-Chloro-3-methylphenol	12.09	107	69990	40.17	ng		99
37) 2-Methylnaphthalene	12.16	142	165801	41.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	62452	44.45	ng		98
40) Hexachlorocyclopentadiene	12.55	237	28489	40.09	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	42820	41.83	ng		95
43) 2,4,5-Trichlorophenol	13.03	196	44796	42.90	ng		97
45) 1,1'-Biphenyl	13.31	154	193509	45.93	ng		98
46) 2-Chloronaphthalene	13.29	162	157483	45.42	ng		97
47) 2-Nitroaniline	13.64	65	47238	44.91	ng		89
48) Acenaphthylene	14.23	152	261741	44.76	ng		99
49) Dimethylphthalate	14.20	163	180461	44.78	ng		100
50) 2,6-Dinitrotoluene	14.29	165	37987	47.17	ng		97
51) Acenaphthene	14.65	154	146988	44.30	ng		98
52) 3-Nitroaniline	14.64	138	42729	40.91	ng		85
53) 2,4-Dinitrophenol	14.95	184	13012m	41.13	ng		
54) Dibenzofuran	15.08	168	209829	43.41	ng		98
55) 4-Nitrophenol	15.29	139	27066m	42.84	ng		
56) 2,4-Dinitrotoluene	15.23	165	50168	41.84	ng		96
57) Fluorene	15.85	166	184237	44.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	26958	35.46	ng	#	90
59) Diethylphthalate	15.87	149	183435	45.03	ng		99
60) 4-Chlorophenyl-phenylether	15.95	204	76762	45.82	ng		92
61) 4-Nitroaniline	16.02	138	41432	41.03	ng		94
62) Azobenzene	16.26	77	176035m	41.48	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	23668	38.64	ng	#	71
65) n-Nitrosodiphenylamine	16.21	169	144713	41.82	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	42363	43.08	ng		97
67) Hexachlorobenzene	16.85	284	45186	43.61	ng	#	90
68) Atrazine	17.23	200	43112	41.05	ng		95
69) Pentachlorophenol	17.23	266	13617m	33.09	ng		
70) Phenanthrene	17.51	178	250799	41.44	ng		99
71) Anthracene	17.59	178	246886	41.83	ng		99
72) Carbazole	17.88	167	241086	42.11	ng		99
73) Di-n-butylphthalate	18.49	149	277698	41.91	ng	#	98
74) Fluoranthene	19.16	202	251094	40.49	ng		97
76) Benzidine	19.41	184	141224	51.94	ng		98
77) Pyrene	19.45	202	268865	46.17	ng		99
79) Butylbenzylphthalate	20.40	149	120737	45.78	ng		99
80) Benzo(a)anthracene	20.98	228	236737	44.41	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	76160	44.95	ng		99
82) Chrysene	21.01	228	212850	43.78	ng		99
83) Bis(2-ethylhexyl)phthalate	21.14	149	163061	44.68	ng		97
84) Di-n-octyl phthalate	21.89	149	276183	43.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	23.72	276	218565m	42.42	ng		
87) Benzo(b)fluoranthene	22.23	252	237567	46.34	ng	#	93
88) Benzo(k)fluoranthene	22.25	252	171352m	38.25	ng		
89) Benzo(a)pyrene	22.57	252	190877	42.21	ng		98
90) Dibenzo(a,h)anthracene	23.75	278	171529	41.34	ng		97
91) Benzo(g,h,i)perylene	23.97	276	172507	41.82	ng	#	93

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

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