Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077411.D
Acq On : 24 Feb 2015 11:56
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/25/2015 3:33:05 PM

Quant Time: Feb 25 10:21:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 16:57:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	78121	20.00	ng		-0.03
21) Naphthalene-d8	8.89	136	313461	20.00	ng		-0.02
38) Acenaphthene-d10	11.06	164	171376	20.00	ng		-0.03
63) Phenanthrene-d10	12.90	188	301760	20.00	ng		-0.03
75) Chrysene-d12	16.23	240	313366	20.00	ng		0.00
86) Perylene-d12	18.05	264	314694	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	386032	82.49	ng		-0.02
7) Phenol-d6	6.86	99	497845	82.74	ng		-0.01
23) Nitrobenzene-d5	8.00	82	413068	81.95	ng		-0.03
41) 2,4,6-Tribromophenol	12.04	330	143940	87.23	ng		-0.02
44) 2-Fluorobiphenyl	10.22	172	813075	73.98	ng		-0.03
78) Terphenyl-d14	14.90	244	1022288	76.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	77208	38.88	ng		92
3) Pyridine	2.97	79	188571	33.19	ng		96
4) n-Nitrosodimethylamine	2.90	42	108160	43.79	ng		96
6) Aniline	6.89	93	324645	39.04	ng		92
8) 2-Chlorophenol	7.04	128	227320	41.18	ng		88
9) Benzaldehyde	6.75	77	131241	35.93	ng		94
10) Phenol	6.88	94	298875	41.87	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	200348	39.06	ng		91
12) 1,3-Dichlorobenzene	7.23	146	247843	41.23	ng	#	90
13) 1,4-Dichlorobenzene	7.32	146	241248	39.45	ng		97
14) 1,2-Dichlorobenzene	7.50	146	226025	38.86	ng		96
15) Benzyl Alcohol	7.48	79	179339	39.21	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.66	45	291945	39.81	ng		97
17) 2-Methylphenol	7.63	107	183109	42.44	ng		99
18) Hexachloroethane	7.93	117	84282	41.26	ng		92
19) n-Nitroso-di-n-propylamine	7.82	70	155572	40.72	ng		94
20) 3+4-Methylphenols	7.81	107	233820	41.14	ng	#	57
22) Acetophenone	7.81	105	301168	40.84	ng	#	93
24) Nitrobenzene	8.02	77	220059	41.49	ng	#	86
25) Isophorone	8.32	82	392686	39.27	ng		95
26) 2-Nitrophenol	8.41	139	104652	48.15	ng		91
27) 2,4-Dimethylphenol	8.48	122	204261	42.00	ng		98
28) bis(2-Chloroethoxy)methane	8.60	93	252378	39.95	ng		99
29) 2,4-Dichlorophenol	8.70	162	188934	41.39	ng		89
30) 1,2,4-Trichlorobenzene	8.82	180	201181	40.08	ng		97
31) Naphthalene	8.91	128	644933	41.14	ng		99
32) Benzoic acid	8.58	122	111090m	47.01	ng		
33) 4-Chloroaniline	8.98	127	281854	40.44	ng	#	93
34) Hexachlorobutadiene	9.06	225	110747	38.65	ng		98
35) Caprolactam	9.42	113	58660	42.09	ng		94
36) 4-Chloro-3-methylphenol	9.58	107	197205	42.97	ng		96
37) 2-Methylnaphthalene	9.77	142	447560	40.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	204695	41.63	ng		99
40) Hexachlorocyclopentadiene	9.96	237	116915	44.34	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	135536	41.62	ng		98
43) 2,4,5-Trichlorophenol	10.16	196	143627	41.25	ng	#	86
45) 1,1'-Biphenyl	10.35	154	534198	41.14	ng		98
46) 2-Chloronaphthalene	10.37	162	416974	40.95	ng		94
47) 2-Nitroaniline	10.50	65	122569	48.90	ng	#	76
48) Acenaphthylene	10.89	152	660113	40.95	ng		99
49) Dimethylphthalate	10.74	163	489511	40.64	ng		98
50) 2,6-Dinitrotoluene	10.81	165	104073	43.08	ng	#	73
51) Acenaphthene	11.09	154	369302	38.39	ng		100
52) 3-Nitroaniline	11.01	138	133005	47.75	ng		83
53) 2,4-Dinitrophenol	11.14	184	41030	55.81	ng	#	79
54) Dibenzofuran	11.31	168	568490	38.28	ng		98
55) 4-Nitrophenol	11.22	139	105668	47.17	ng		97
56) 2,4-Dinitrotoluene	11.30	165	135785	41.60	ng	#	81
57) Fluorene	11.73	166	464154	39.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.46	232	115716	41.34	ng		97
59) Diethylphthalate	11.62	149	455424	38.35	ng		96
60) 4-Chlorophenyl-phenylether	11.75	204	215533	37.67	ng		95
61) 4-Nitroaniline	11.77	138	128103	47.99	ng		92
62) Azobenzene	11.94	77	426629	37.86	ng		96
64) 4,6-Dinitro-2-methylphenol	11.80	198	60071	49.74	ng	#	70
65) n-Nitrosodiphenylamine	11.89	169	424959	42.44	ng		99
66) 4-Bromophenyl-phenylether	12.35	248	134170	37.97	ng		93
67) Hexachlorobenzene	12.41	284	149029	39.29	ng		94
68) Atrazine	12.57	200	110655	33.99	ng		95
69) Pentachlorophenol	12.66	266	87733	44.01	ng		99
70) Phenanthrene	12.93	178	713247	40.78	ng		99
71) Anthracene	12.99	178	686688	39.56	ng		99
72) Carbazole	13.20	167	670985	40.66	ng		99
73) Di-n-butylphthalate	13.65	149	720852	37.20	ng	#	97
74) Fluoranthene	14.41	202	771546	40.38	ng		98
76) Benzidine	14.58	184	309363	29.22	ng		98
77) Pyrene	14.69	202	823731	42.97	ng		100
79) Butylbenzylphthalate	15.52	149	308700	39.14	ng	#	86
80) Benzo(a)anthracene	16.20	228	755078	41.11	ng		99
81) 3,3'-Dichlorobenzidine	16.18	252	290973	43.24	ng	#	96
82) Chrysene	16.26	228	701533	40.68	ng		99
83) Bis(2-ethylhexyl)phthalate	16.27	149	433257	34.26	ng		99
84) Di-n-octyl phthalate	17.11	149	757983m	35.90	ng		
85) Indeno(1,2,3-cd)pyrene	19.55	276	855332m	43.50	ng		
87) Benzo(b)fluoranthene	17.59	252	762903m	41.69	ng		
88) Benzo(k)fluoranthene	17.62	252	706903	39.42	ng	#	95
89) Benzo(a)pyrene	17.99	252	712774	40.90	ng	#	97
90) Dibenzo(a,h)anthracene	19.59	278	683402	41.11	ng		98
91) Benzo(g,h,i)perylene	20.00	276	707592	42.18	ng		97

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

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