Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077288.D
Acq On : 12 Feb 2015 16:31
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
2/13/2015 5:40:10 PM

Quant Time: Feb 13 02:50:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 01:12:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	26732	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	115496	20.00	ng		0.00
38) Acenaphthene-d10	14.53	164	62245	20.00	ng		0.01
63) Phenanthrene-d10	17.44	188	104050	20.00	ng		0.00
75) Chrysene-d12	20.96	240	93338	20.00	ng		0.00
86) Perylene-d12	22.60	264	78685	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	161292	99.11	ng		0.00
7) Phenol-d6	6.93	99	201916	98.25	ng		0.00
23) Nitrobenzene-d5	8.82	82	203894	98.12	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	52485	104.06	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	399510	97.53	ng		0.00
78) Terphenyl-d14	19.70	244	411093	101.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.00	88	29554	42.97	ng		99
3) Pyridine	1.41	79	74393	43.09	ng		97
4) n-Nitrosodimethylamine	1.38	42	40357	44.83	ng		98
6) Aniline	6.78	93	136298	48.23	ng		95
8) 2-Chlorophenol	7.04	128	94417	50.16	ng		95
9) Benzaldehyde	6.50	77	62293	50.57	ng		99
10) Phenol	6.97	94	105389m	48.30	ng		
11) bis(2-Chloroethyl)ether	7.05	93	82134	47.71	ng		99
12) 1,3-Dichlorobenzene	7.33	146	104168	48.96	ng		98
13) 1,4-Dichlorobenzene	7.54	146	105605	47.04	ng		96
14) 1,2-Dichlorobenzene	7.85	146	100820	48.55	ng		97
15) Benzyl Alcohol	7.96	79	85819	51.78	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.30	45	116340	50.61	ng		96
17) 2-Methylphenol	8.33	107	73080	47.95	ng		95
18) Hexachloroethane	8.59	117	39948	50.74	ng		95
19) n-Nitroso-di-n-propylamine	8.60	70	72507	50.62	ng		98
20) 3+4-Methylphenols	8.72	107	89925	44.61	ng		98
22) Acetophenone	8.51	105	145122	51.39	ng		96
24) Nitrobenzene	8.85	77	99008	46.95	ng		99
25) Isophorone	9.46	82	183075	48.68	ng		97
26) 2-Nitrophenol	9.60	139	48862	49.93	ng		96
27) 2,4-Dimethylphenol	9.90	122	82685	50.57	ng		94
28) bis(2-Chloroethoxy)methane	10.10	93	112535	52.05	ng		99
29) 2,4-Dichlorophenol	10.21	162	78885m	51.23	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	85782	50.98	ng		100
31) Naphthalene	10.46	128	279257	47.60	ng		99
32) Benzoic acid	10.33	122	13666	17.07	ng		91
33) 4-Chloroaniline	10.73	127	118928	49.72	ng		99
34) Hexachlorobutadiene	10.83	225	48241	48.84	ng		98
35) Caprolactam	11.62	113	22909	51.46	ng	#	89
36) 4-Chloro-3-methylphenol	12.05	107	87432	50.09	ng		97
37) 2-Methylnaphthalene	12.11	142	209905	51.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	80328	51.86	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	33943	55.01	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	51957	47.32	ng		99
43) 2,4,5-Trichlorophenol	12.98	196	50124m	44.29	ng		
45) 1,1'-Biphenyl	13.27	154	235087	50.84	ng		99
46) 2-Chloronaphthalene	13.24	162	190043	50.06	ng		96
47) 2-Nitroaniline	13.60	65	57740	50.16	ng		92
48) Acenaphthylene	14.18	152	297495	46.98	ng		98
49) Dimethylphthalate	14.16	163	222196	50.17	ng		98
50) 2,6-Dinitrotoluene	14.25	165	46092	52.72	ng		93
51) Acenaphthene	14.60	154	170025	47.13	ng		95
52) 3-Nitroaniline	14.60	138	52031	49.49	ng		91
53) 2,4-Dinitrophenol	14.90	184	12611	44.91	ng	#	73
54) Dibenzofuran	15.03	168	265227	50.03	ng		97
55) 4-Nitrophenol	15.25	139	27572	41.23	ng		88
56) 2,4-Dinitrotoluene	15.19	165	62365	52.37	ng	#	99
57) Fluorene	15.81	166	213406	47.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	37111	44.91	ng	#	100
59) Diethylphthalate	15.84	149	233315	51.84	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	90570	49.34	ng		99
61) 4-Nitroaniline	15.99	138	49229	48.55	ng		97
62) Azobenzene	16.21	77	217652m	47.34	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	29442	55.98	ng		96
65) n-Nitrosodiphenylamine	16.18	169	181977	49.41	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	53669	51.07	ng		97
67) Hexachlorobenzene	16.81	284	54623	49.24	ng		99
68) Atrazine	17.21	200	59811	54.07	ng		91
69) Pentachlorophenol	17.21	266	15209	38.50	ng		94
70) Phenanthrene	17.47	178	295693	45.87	ng		99
71) Anthracene	17.55	178	302768	47.84	ng		99
72) Carbazole	17.85	167	284975	46.74	ng		99
73) Di-n-butylphthalate	18.47	149	377512	52.87	ng	#	98
74) Fluoranthene	19.14	202	309956	47.17	ng		94
76) Benzidine	19.38	184	194136	63.38	ng		99
77) Pyrene	19.41	202	319978	50.91	ng		99
79) Butylbenzylphthalate	20.36	149	162888	56.11	ng		99
80) Benzo(a)anthracene	20.95	228	290077	49.96	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	104315	55.32	ng		99
82) Chrysene	20.99	228	265677	50.59	ng		98
83) Bis(2-ethylhexyl)phthalate	21.11	149	243727	59.81	ng		96
84) Di-n-octyl phthalate	21.87	149	416697	58.86	ng		99
85) Indeno(1,2,3-cd)pyrene	23.71	276	260709m	47.14	ng		
87) Benzo(b)fluoranthene	22.19	252	311981	58.83	ng		99
88) Benzo(k)fluoranthene	22.23	252	191977m	41.97	ng		
89) Benzo(a)pyrene	22.55	252	238194	51.18	ng		99
90) Dibenzo(a,h)anthracene	23.73	278	213966	50.54	ng		97
91) Benzo(g,h,i)perylene	23.97	276	218472	51.93	ng	#	94

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

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