Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077321.D
Acq On : 17 Feb 2015 17:37
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
2/18/2015 4:21:38 PM

Quant Time: Feb 18 09:51:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 00:50:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	58838	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	256513	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	138873	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	246411	20.00	ng		0.00
75) Chrysene-d12	16.28	240	243188	20.00	ng		0.01
86) Perylene-d12	18.04	264	218195	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	408368	121.96	ng		0.00
7) Phenol-d6	6.92	99	534894	121.70	ng		0.00
23) Nitrobenzene-d5	8.08	82	464556	128.29	ng		0.01
41) 2,4,6-Tribromophenol	12.12	330	150967	133.62	ng		0.01
44) 2-Fluorobiphenyl	10.30	172	1022920	113.44	ng		0.00
78) Terphenyl-d14	14.98	244	1183473	111.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	87140	57.65	ng		99
3) Pyridine	3.10	79	227880	56.40	ng		96
4) n-Nitrosodimethylamine	3.04	42	117190	61.83	ng		98
6) Aniline	6.97	93	384880	60.29	ng		97
8) 2-Chlorophenol	7.10	128	245593	62.47	ng		98
9) Benzaldehyde	6.83	77	157758	55.79	ng		98
10) Phenol	6.93	94	300971m	68.01	ng		
11) bis(2-Chloroethyl)ether	7.06	93	227015	56.74	ng		97
12) 1,3-Dichlorobenzene	7.30	146	265949	58.47	ng		99
13) 1,4-Dichlorobenzene	7.40	146	276082	58.87	ng		98
14) 1,2-Dichlorobenzene	7.58	146	267788	61.18	ng		98
15) Benzyl Alcohol	7.55	79	200338	57.06	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	346009	57.24	ng		100
17) 2-Methylphenol	7.69	107	192055	57.61	ng		99
18) Hexachloroethane	8.01	117	92597	60.40	ng		97
19) n-Nitroso-di-n-propylamine	7.89	70	183736	57.87	ng		95
20) 3+4-Methylphenols	7.88	107	253219	62.34	ng		96
22) Acetophenone	7.88	105	337062	55.25	ng	#	96
24) Nitrobenzene	8.10	77	239264	58.64	ng	#	80
25) Isophorone	8.40	82	498999	57.83	ng	#	89
26) 2-Nitrophenol	8.49	139	75806	69.13	ng		98
27) 2,4-Dimethylphenol	8.54	122	232596	61.38	ng		94
28) bis(2-Chloroethoxy)methane	8.67	93	321453	60.98	ng		99
29) 2,4-Dichlorophenol	8.77	162	198580	60.90	ng		98
30) 1,2,4-Trichlorobenzene	8.89	180	241102	57.63	ng		97
31) Naphthalene	8.98	128	718297	54.44	ng		99
32) Benzoic acid	8.65	122	63630	73.97	ng		98
33) 4-Chloroaniline	9.05	127	311671	57.00	ng		97
34) Hexachlorobutadiene	9.14	225	133932	56.02	ng		99
35) Caprolactam	9.49	113	65827	66.70	ng		88
36) 4-Chloro-3-methylphenol	9.65	107	221826	61.76	ng	#	78
37) 2-Methylnaphthalene	9.85	142	543993	58.93	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.05	216	230355	59.81	ng		99
40) Hexachlorocyclopentadiene	10.04	237	129127	66.71	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	143991	64.25	ng		100
43) 2,4,5-Trichlorophenol	10.22	196	145915	59.24	ng		97
45) 1,1'-Biphenyl	10.43	154	635154	57.65	ng		96
46) 2-Chloronaphthalene	10.44	162	464133	55.38	ng		99
47) 2-Nitroaniline	10.57	65	103613	69.22	ng		92
48) Acenaphthylene	10.96	152	773867	53.93	ng		99
49) Dimethylphthalate	10.81	163	542131	55.73	ng		99
50) 2,6-Dinitrotoluene	10.89	165	107750	66.76	ng	#	61
51) Acenaphthene	11.17	154	456031	54.57	ng		100
52) 3-Nitroaniline	11.08	138	119955	66.90	ng		93
53) 2,4-Dinitrophenol	11.21	184	15767	70.64	ng		91
54) Dibenzofuran	11.39	168	678960	57.60	ng		98
55) 4-Nitrophenol	11.28	139	81727	65.67	ng		85
56) 2,4-Dinitrotoluene	11.38	165	136007	72.95	ng		88
57) Fluorene	11.81	166	544308	56.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	120396	69.39	ng		99
59) Diethylphthalate	11.69	149	567498	56.34	ng		98
60) 4-Chlorophenyl-phenylether	11.83	204	265721	57.88	ng		95
61) 4-Nitroaniline	11.84	138	115661	66.24	ng		93
62) Azobenzene	12.02	77	560076	56.24	ng		97
64) 4,6-Dinitro-2-methylphenol	11.88	198	28457	69.84	ng	#	53
65) n-Nitrosodiphenylamine	11.97	169	485346	60.00	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	160782	58.60	ng		93
67) Hexachlorobenzene	12.49	284	183210	57.67	ng		92
68) Atrazine	12.65	200	146737	66.57	ng		91
69) Pentachlorophenol	12.74	266	73533	69.54	ng		99
70) Phenanthrene	13.01	178	855952	58.81	ng		99
71) Anthracene	13.08	178	833689	58.17	ng		99
72) Carbazole	13.28	167	738494	58.22	ng		99
73) Di-n-butylphthalate	13.73	149	968044	59.51	ng	#	98
74) Fluoranthene	14.49	202	850248	57.31	ng		97
76) Benzidine	14.67	184	442949	57.82	ng		99
77) Pyrene	14.77	202	884753	58.44	ng		99
79) Butylbenzylphthalate	15.60	149	370999	64.05	ng		93
80) Benzo(a)anthracene	16.27	228	843234	57.96	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	302262	65.58	ng		98
82) Chrysene	16.32	228	766331	58.09	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	616734	62.20	ng	#	98
84) Di-n-octyl phthalate	17.13	149	994523	61.81	ng		99
85) Indeno(1,2,3-cd)pyrene	19.57	276	935696m	58.24	ng		
87) Benzo(b)fluoranthene	17.59	252	892205	63.95	ng	#	96
88) Benzo(k)fluoranthene	17.62	252	659352	53.08	ng		97
89) Benzo(a)pyrene	17.97	252	764819	62.18	ng	#	94
90) Dibenzo(a,h)anthracene	19.61	278	775898	59.95	ng		98
91) Benzo(g,h,i)perylene	20.03	276	757366	59.17	ng		99

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

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