Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077320.D
Acq On : 17 Feb 2015 17:09
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
2/18/2015 4:21:34 PM

Quant Time: Feb 18 09:51:24 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 02:11:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	51914	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	213344	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	111948	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	202565	20.00	ng		0.00
75) Chrysene-d12	16.29	240	223601	20.00	ng		0.02
86) Perylene-d12	18.11	264	213599	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	476489	161.29	ng		0.00
7) Phenol-d6	6.92	99	594283	153.25	ng		0.00
23) Nitrobenzene-d5	8.08	82	521925	173.29	ng		0.01
41) 2,4,6-Tribromophenol	12.12	330	168166	184.69	ng		0.01
44) 2-Fluorobiphenyl	10.30	172	1089179	149.85	ng		0.00
78) Terphenyl-d14	14.98	244	1386604	141.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	107786	80.82	ng		99
3) Pyridine	3.10	79	266944	74.89	ng		93
4) n-Nitrosodimethylamine	3.04	42	135949	81.29	ng		100
6) Aniline	6.97	93	443257	78.69	ng		95
8) 2-Chlorophenol	7.10	128	277642	80.04	ng		95
9) Benzaldehyde	6.83	77	148377	59.47	ng		99
10) Phenol	6.94	94	363528m	93.11	ng		
11) bis(2-Chloroethyl)ether	7.07	93	266116	75.39	ng		87
12) 1,3-Dichlorobenzene	7.30	146	307287	76.57	ng		96
13) 1,4-Dichlorobenzene	7.40	146	320191	77.38	ng		99
14) 1,2-Dichlorobenzene	7.58	146	304987	78.97	ng		97
15) Benzyl Alcohol	7.55	79	224026	72.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	392064	73.51	ng		100
17) 2-Methylphenol	7.69	107	221522	75.32	ng		99
18) Hexachloroethane	8.01	117	107218	79.26	ng		95
19) n-Nitroso-di-n-propylamine	7.89	70	198854	70.99	ng		93
20) 3+4-Methylphenols	7.88	107	282974	78.92	ng		96
22) Acetophenone	7.88	105	377093	74.33	ng	#	94
24) Nitrobenzene	8.10	77	282726	83.32	ng	#	84
25) Isophorone	8.40	82	545536	76.01	ng	#	91
26) 2-Nitrophenol	8.49	139	81934	89.84	ng		94
27) 2,4-Dimethylphenol	8.54	122	261015	82.82	ng		96
28) bis(2-Chloroethoxy)methane	8.67	93	346187	78.96	ng		100
29) 2,4-Dichlorophenol	8.77	162	216482	79.82	ng		97
30) 1,2,4-Trichlorobenzene	8.89	180	269516	77.46	ng		97
31) Naphthalene	8.98	128	816238	74.38	ng		100
32) Benzoic acid	8.65	122	65606	91.69	ng		96
33) 4-Chloroaniline	9.06	127	360178	79.20	ng	#	89
34) Hexachlorobutadiene	9.14	225	144829	72.83	ng		99
35) Caprolactam	9.49	113	66877	81.47	ng		100
36) 4-Chloro-3-methylphenol	9.65	107	238699	79.95	ng	#	79
37) 2-Methylnaphthalene	9.85	142	600182	78.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.05	216	252588	81.35	ng		99
40) Hexachlorocyclopentadiene	10.04	237	138904	89.03	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	155232	85.92	ng		100
43) 2,4,5-Trichlorophenol	10.22	196	156364	78.83	ng		94
45) 1,1'-Biphenyl	10.43	154	708160	79.73	ng		96
46) 2-Chloronaphthalene	10.45	162	510740	75.60	ng		92
47) 2-Nitroaniline	10.57	65	114178	94.63	ng		91
48) Acenaphthylene	10.96	152	844833	73.03	ng		99
49) Dimethylphthalate	10.82	163	607232	77.43	ng	#	98
50) 2,6-Dinitrotoluene	10.89	165	116016	89.18	ng	#	64
51) Acenaphthene	11.17	154	482106	71.57	ng		99
52) 3-Nitroaniline	11.08	138	129802	89.81	ng		92
53) 2,4-Dinitrophenol	11.22	184	17576	97.68	ng	#	61
54) Dibenzofuran	11.39	168	719346	75.71	ng		97
55) 4-Nitrophenol	11.28	139	90647	90.36	ng		84
56) 2,4-Dinitrotoluene	11.38	165	146825	97.70	ng	#	83
57) Fluorene	11.81	166	595547	76.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	127128	90.90	ng		98
59) Diethylphthalate	11.69	149	618208	76.13	ng		98
60) 4-Chlorophenyl-phenylether	11.82	204	277986	75.12	ng		94
61) 4-Nitroaniline	11.85	138	137396	97.61	ng		90
62) Azobenzene	12.02	77	610216	76.01	ng		94
64) 4,6-Dinitro-2-methylphenol	11.88	198	31685	94.60	ng	#	56
65) n-Nitrosodiphenylamine	11.97	169	534352	80.35	ng		100
66) 4-Bromophenyl-phenylether	12.43	248	171589	76.08	ng	#	89
67) Hexachlorobenzene	12.49	284	195744	74.95	ng	#	88
68) Atrazine	12.65	200	166454	91.87	ng		93
69) Pentachlorophenol	12.74	266	80471	92.57	ng		97
70) Phenanthrene	13.01	178	914294	76.41	ng		99
71) Anthracene	13.08	178	932624	79.19	ng		99
72) Carbazole	13.28	167	800767	76.79	ng		98
73) Di-n-butylphthalate	13.73	149	1033777	77.30	ng		98
74) Fluoranthene	14.49	202	957253	78.49	ng		96
76) Benzidine	14.67	184	466087	66.07	ng		99
77) Pyrene	14.77	202	977042	70.18	ng		99
79) Butylbenzylphthalate	15.61	149	433518	81.40	ng		87
80) Benzo(a)anthracene	16.28	228	995625	74.43	ng		99
81) 3,3'-Dichlorobenzidine	16.26	252	353681	83.46	ng		99
82) Chrysene	16.33	228	879264	72.48	ng		99
83) Bis(2-ethylhexyl)phthalate	16.34	149	707345	77.58	ng		100
84) Di-n-octyl phthalate	17.16	149	1187058m	80.26	ng		
85) Indeno(1,2,3-cd)pyrene	19.65	276	1208337	81.97	ng		99
87) Benzo(b)fluoranthene	17.64	252	1136068m	83.18	ng		
88) Benzo(k)fluoranthene	17.68	252	794703	65.27	ng		98
89) Benzo(a)pyrene	18.05	252	965369	80.18	ng		99
90) Dibenzo(a,h)anthracene	19.69	278	1006721	79.51	ng		98
91) Benzo(g,h,i)perylene	20.12	276	1009388	80.60	ng		96

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

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