Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077284.D
Acq On : 12 Feb 2015 14:12
Operator : TP/IZ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
2/13/2015 5:39:52 PM

Quant Time: Feb 13 03:02:43 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	25064	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	109908	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	60419	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	102352	20.00	ng		0.00
75) Chrysene-d12	20.96	240	96734	20.00	ng		0.00
86) Perylene-d12	22.60	264	80170	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.56	112	4602	3.02	ng		0.07
7) Phenol-d6	6.98	99	8490	4.41	ng		0.05
23) Nitrobenzene-d5	8.82	82	7933	4.01	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	1881	3.84	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	19397	4.88	ng		0.00
78) Terphenyl-d14	19.70	244	21024	5.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.01	88	1650	2.56	ng	#	53
8) 2-Chlorophenol	7.06	128	4093	2.32	ng		95
9) Benzaldehyde	6.53	77	2713	2.35	ng	#	67
11) bis(2-Chloroethyl)ether	7.06	93	3452	2.14	ng		82
12) 1,3-Dichlorobenzene	7.34	146	4628	2.32	ng		96
13) 1,4-Dichlorobenzene	7.54	146	4965	2.36	ng	#	93
14) 1,2-Dichlorobenzene	7.86	146	4609	2.37	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.30	45	5427	2.52	ng		95
17) 2-Methylphenol	8.35	107	2913	2.04	ng		91
18) Hexachloroethane	8.59	117	1482	2.01	ng	#	80
19) n-Nitroso-di-n-propylamine	8.59	70	3443	2.56	ng	#	93
22) Acetophenone	8.52	105	5498m	2.05	ng		
24) Nitrobenzene	8.88	77	4524m	2.25	ng		
25) Isophorone	9.46	82	7852	2.19	ng	#	91
28) bis(2-Chloroethoxy)methane	10.10	93	4677	2.27	ng	#	82
30) 1,2,4-Trichlorobenzene	10.34	180	3907	2.44	ng	#	89
31) Naphthalene	10.46	128	13262	2.38	ng		95
34) Hexachlorobutadiene	10.83	225	2233	2.38	ng		92
36) 4-Chloro-3-methylphenol	12.08	107	3557m	2.14	ng		
37) 2-Methylnaphthalene	12.12	142	12069	3.12	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	3532	2.35	ng	#	100
45) 1,1'-Biphenyl	13.27	154	10699	2.38	ng		95
46) 2-Chloronaphthalene	13.24	162	9310	2.53	ng		96
48) Acenaphthylene	14.18	152	13243	2.15	ng	#	92
49) Dimethylphthalate	14.15	163	10758	2.50	ng	#	96
51) Acenaphthene	14.60	154	8867	2.53	ng		91
54) Dibenzofuran	15.04	168	13078	2.54	ng		94
57) Fluorene	15.81	166	10734	2.47	ng		97
59) Diethylphthalate	15.81	149	10654	2.44	ng	#	86
60) 4-Chlorophenyl-phenylether	15.92	204	4040	2.27	ng	#	87
62) Azobenzene	16.21	77	11713	2.62	ng		94
65) n-Nitrosodiphenylamine	16.18	169	8491	2.34	ng		96
66) 4-Bromophenyl-phenylether	16.81	248	2336	2.26	ng		89
67) Hexachlorobenzene	16.81	284	2448	2.24	ng	#	69

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) Atrazine	17.20	200	2359	2.17	ng		89
70) Phenanthrene	17.47	178	14865	2.34	ng		96
71) Anthracene	17.55	178	14637	2.35	ng		98
72) Carbazole	17.86	167	14117	2.35	ng		94
73) Di-n-butylphthalate	18.45	149	16669	2.37	ng		99
74) Fluoranthene	19.14	202	15014	2.32	ng		97
76) Benzidine	19.39	184	27292	8.60	ng		99
77) Pyrene	19.41	202	16058	2.47	ng		99
79) Butylbenzylphthalate	20.36	149	6958	2.31	ng		96
80) Benzo(a)anthracene	20.95	228	14896	2.48	ng		98
81) 3,3'-Dichlorobenzidine	20.97	252	4598	2.35	ng		98
82) Chrysene	20.98	228	13016	2.39	ng		97
83) Bis(2-ethylhexyl)phthalate	21.11	149	11414	2.70	ng	#	99
84) Di-n-octyl phthalate	21.87	149	18702	2.55	ng	#	88
87) Benzo(b)fluoranthene	22.19	252	12591m	2.33	ng		
88) Benzo(k)fluoranthene	22.23	252	11457m	2.46	ng		
89) Benzo(a)pyrene	22.55	252	10730	2.26	ng		94
90) Dibenzo(a,h)anthracene	23.73	278	10005	2.32	ng		97
91) Benzo(g,h,i)perylene	23.96	276	9778	2.28	ng		98

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

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