Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081842.D
Acq On : 28 Sep 2015 14:29
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:00 PM

Quant Time: Sep 28 17:34:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 16:48:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	104441	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	420714	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	198356	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	368705	20.00	ng		0.00
75) Chrysene-d12	14.10	240	345835	20.00	ng		-0.01
86) Perylene-d12	15.58	264	286149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	32889	5.33	ng		0.00
7) Phenol-d6	6.56	99	43345	5.55	ng		0.00
23) Nitrobenzene-d5	7.50	82	34381	5.39	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	10881	6.32	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	81485	6.74	ng		-0.01
78) Terphenyl-d14	13.05	244	76189	5.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	6891	2.26	ng	#	82
6) Aniline	6.59	93	27151	2.32	ng	#	75
8) 2-Chlorophenol	6.71	128	18910	2.78	ng		87
9) Benzaldehyde	6.48	77	14449	3.13	ng	#	81
10) Phenol	6.57	94	23201m	2.56	ng		
11) bis(2-Chloroethyl)ether	6.66	93	19808	2.98	ng		97
12) 1,3-Dichlorobenzene	6.87	146	22439	2.79	ng	#	94
13) 1,4-Dichlorobenzene	6.95	146	24067	2.96	ng	#	94
14) 1,2-Dichlorobenzene	7.10	146	21128m	2.79	ng		
15) Benzyl Alcohol	7.09	79	14871	2.41	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.21	45	27262	2.40	ng		67
17) 2-Methylphenol	7.19	107	15286	2.66	ng	#	85
18) Hexachloroethane	7.44	117	7052	2.66	ng		88
19) n-Nitroso-di-n-propylamine	7.34	70	12321	2.37	ng	#	74
20) 3+4-Methylphenols	7.35	107	19853	2.75	ng	#	41
22) Acetophenone	7.34	105	26113	2.83	ng	#	76
24) Nitrobenzene	7.52	77	19689	2.77	ng	#	75
25) Isophorone	7.75	82	35492	2.51	ng	#	91
26) 2-Nitrophenol	7.84	139	7763	3.00	ng	#	67
27) 2,4-Dimethylphenol	7.87	122	15936m	2.49	ng		
28) bis(2-Chloroethoxy)methane	7.97	93	20573	2.49	ng	#	94
29) 2,4-Dichlorophenol	8.08	162	15129	2.54	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	17918	2.68	ng		99
31) Naphthalene	8.24	128	58495m	3.01	ng		
33) 4-Chloroaniline	8.30	127	22948	2.69	ng	#	92
34) Hexachlorobutadiene	8.35	225	11066	2.80	ng		97
35) Caprolactam	8.62	113	3619	2.27	ng	#	75
36) 4-Chloro-3-methylphenol	8.78	107	14388	2.41	ng		94
37) 2-Methylnaphthalene	8.94	142	37642	2.72	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	18297	2.89	ng		99
42) 2,4,6-Trichlorophenol	9.21	196	11311	2.71	ng		97
43) 2,4,5-Trichlorophenol	9.26	196	11660	2.84	ng	#	96
45) 1,1'-Biphenyl	9.39	154	46678	3.01	ng		97
46) 2-Chloronaphthalene	9.42	162	35303	2.83	ng		94

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MMDadoda
9/29/2015 12:10:00 PM

Quant Time: Sep 28 17:34:34 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.52	65	9050	2.73	ng	#	68
48) Acenaphthylene	9.84	152	58233	2.76	ng		98
49) Dimethylphthalate	9.69	163	40520	2.68	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	7434	2.55	ng	#	79
51) Acenaphthene	10.01	154	33507	2.75	ng		90
52) 3-Nitroaniline	9.93	138	8969	2.84	ng	#	67
54) Dibenzofuran	10.18	168	50919	2.85	ng		93
55) 4-Nitrophenol	10.09	139	5269	2.42	ng	#	44
56) 2,4-Dinitrotoluene	10.16	165	9129	2.62	ng	#	80
57) Fluorene	10.53	166	41728	3.05	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	8777	2.80	ng	#	91
59) Diethylphthalate	10.39	149	37111	2.54	ng		96
60) 4-Chlorophenyl-phenylether	10.51	204	18225	2.90	ng	#	88
61) 4-Nitroaniline	10.54	138	8531	2.78	ng	#	40
62) Azobenzene	10.67	77	35427	2.37	ng		89
65) n-Nitrosodiphenylamine	10.64	169	33221	2.67	ng		95
66) 4-Bromophenyl-phenylether	11.01	248	10310	2.51	ng	#	83
67) Hexachlorobenzene	11.07	284	12491	2.92	ng	#	78
68) Atrazine	11.15	200	9023	2.43	ng		82
70) Phenanthrene	11.49	178	63440	3.01	ng		98
71) Anthracene	11.54	178	57679	2.84	ng		98
72) Carbazole	11.70	167	49682	2.63	ng		95
73) Di-n-butylphthalate	12.02	149	60777	2.65	ng	#	99
74) Fluoranthene	12.67	202	60445	2.85	ng		91
77) Pyrene	12.90	202	61770	2.37	ng		98
80) Benzo(a)anthracene	14.09	228	57914	2.76	ng		97
81) 3,3'-Dichlorobenzidine	14.07	252	16576	2.49	ng	#	92
82) Chrysene	14.13	228	54592	2.71	ng		96
83) Bis(2-ethylhexyl)phthalate	14.08	149	25484	2.02	ng	#	93
84) Di-n-octyl phthalate	14.70	149	42802	2.31	ng		95
85) Indeno(1,2,3-cd)pyrene	17.03	276	41072	2.23	ng	#	87
87) Benzo(b)fluoranthene	15.14	252	44459m	2.62	ng		
88) Benzo(k)fluoranthene	15.18	252	46429m	2.84	ng		
89) Benzo(a)pyrene	15.51	252	39717	2.59	ng	#	87
90) Dibenzo(a,h)anthracene	17.05	278	33560	2.10	ng	#	84
91) Benzo(g,h,i)perylene	17.48	276	35039	2.13	ng	#	76

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

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Manual Integrations APPROVED
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9/29/2015 12:10:00 PM