Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081970.D
Acq On : 2 Oct 2015 6:46
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:05:08 PM

Quant Time: Oct 02 09:13:21 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 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138763	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	537627	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	266681	20.00	ng		-0.03
63) Phenanthrene-d10	11.42	188	505296	20.00	ng		-0.05
75) Chrysene-d12	14.06	240	429278	20.00	ng		-0.06
86) Perylene-d12	15.51	264	364524	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	548663	71.78	ng		-0.03
7) Phenol-d6	6.53	99	672025	69.87	ng		-0.03
23) Nitrobenzene-d5	7.47	82	634722	78.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	206264	76.37	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1150521	69.71	ng		-0.05
78) Terphenyl-d14	13.01	244	1166030	88.83	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	130406	39.23	ng		85
3) Pyridine	3.25	79	337704	39.02	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	133837	34.05	ng		91
6) Aniline	6.56	93	455469	35.25	ng	#	87
8) 2-Chlorophenol	6.69	128	304500	36.07	ng		93
9) Benzaldehyde	6.45	77	177319	28.15	ng	#	82
10) Phenol	6.54	94	376078	34.86	ng	#	67
11) bis(2-Chloroethyl)ether	6.64	93	332072	39.69	ng		89
12) 1,3-Dichlorobenzene	6.83	146	359771m	36.08	ng		
13) 1,4-Dichlorobenzene	6.91	146	388357m	37.30	ng		
14) 1,2-Dichlorobenzene	7.07	146	336621	36.28	ng		99
15) Benzyl Alcohol	7.04	79	221190	31.86	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	421835	35.66	ng		80
17) 2-Methylphenol	7.15	107	258975	37.84	ng	#	87
18) Hexachloroethane	7.41	117	123324	37.84	ng		89
19) n-Nitroso-di-n-propylamine	7.31	70	201722	34.51	ng	#	78
20) 3+4-Methylphenols	7.30	107	291610	33.73	ng	#	74
22) Acetophenone	7.31	105	424378	38.61	ng	#	82
24) Nitrobenzene	7.49	77	328743	37.54	ng	#	68
25) Isophorone	7.73	82	607132	37.98	ng	#	92
26) 2-Nitrophenol	7.81	139	174136	41.42	ng	#	84
27) 2,4-Dimethylphenol	7.84	122	287920	38.93	ng	#	83
28) bis(2-Chloroethoxy)methane	7.94	93	346195	36.47	ng		97
29) 2,4-Dichlorophenol	8.05	162	279105	38.92	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	314469	39.28	ng		98
31) Naphthalene	8.21	128	917148	38.50	ng		97
32) Benzoic acid	7.97	122	168045	39.52	ng	#	77
33) 4-Chloroaniline	8.26	127	385653	37.44	ng	#	95
34) Hexachlorobutadiene	8.32	225	188113	39.73	ng		99
35) Caprolactam	8.64	113	83008	41.81	ng		92
36) 4-Chloro-3-methylphenol	8.73	107	260228	37.11	ng	#	80
37) 2-Methylnaphthalene	8.89	142	581429	35.76	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	322070	39.34	ng	#	98
40) Hexachlorocyclopentadiene	9.04	237	159717	37.88	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	200216	35.67	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	239184	41.44	ng		97
45) 1,1'-Biphenyl	9.36	154	755201	36.71	ng		95
46) 2-Chloronaphthalene	9.38	162	573030	35.47	ng	#	93
47) 2-Nitroaniline	9.49	65	182310	38.44	ng	#	82
48) Acenaphthylene	9.81	152	963329	37.26	ng		97
49) Dimethylphthalate	9.67	163	707218	38.42	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	146214	36.59	ng	#	64
51) Acenaphthene	9.98	154	588904	38.36	ng		90
52) 3-Nitroaniline	9.90	138	178452	38.59	ng	#	69
53) 2,4-Dinitrophenol	10.00	184	68823	48.55	ng	#	60
54) Dibenzofuran	10.15	168	801343	36.93	ng		95
55) 4-Nitrophenol	10.06	139	110590	33.10	ng	#	73
56) 2,4-Dinitrotoluene	10.13	165	192366	37.76	ng	#	75
57) Fluorene	10.49	166	635167	40.73	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	192252	41.99	ng	#	88
59) Diethylphthalate	10.35	149	647819	37.68	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	311009	39.15	ng		96
61) 4-Nitroaniline	10.51	138	176233	38.01	ng	#	54
62) Azobenzene	10.64	77	656290	39.11	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	108681	47.51	ng	#	66
65) n-Nitrosodiphenylamine	10.59	169	569832	37.27	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	208402	40.90	ng	#	91
67) Hexachlorobenzene	11.03	284	205963	35.82	ng	#	89
68) Atrazine	11.12	200	167182	35.24	ng		83
69) Pentachlorophenol	11.22	266	130859	39.94	ng		99
70) Phenanthrene	11.45	178	969145	39.66	ng		96
71) Anthracene	11.50	178	971564	37.83	ng		97
72) Carbazole	11.66	167	921648	39.65	ng		95
73) Di-n-butylphthalate	11.98	149	996064	41.98	ng	#	97
74) Fluoranthene	12.63	202	1003940	37.09	ng		93
76) Benzidine	12.77	184	425672	32.91	ng		97
77) Pyrene	12.87	202	1027908	40.08	ng		96
79) Butylbenzylphthalate	13.49	149	442316	45.84	ng	#	85
80) Benzo(a)anthracene	14.05	228	869338	37.61	ng		95
81) 3,3'-Dichlorobenzidine	14.02	252	305987	39.19	ng	#	93
82) Chrysene	14.09	228	943206m	48.99	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	573402	47.37	ng	#	92
84) Di-n-octyl phthalate	14.65	149	951521	48.30	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	732287	40.50	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	708206m	34.03	ng		
88) Benzo(k)fluoranthene	15.12	252	851464m	44.64	ng		
89) Benzo(a)pyrene	15.45	252	713073	39.50	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	601845	39.73	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	586928	37.81	ng	#	77

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

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