Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081784.D
Acq On : 25 Sep 2015 1:34
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:37:48 PM

Quant Time: Sep 25 07:09:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:04:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	172230	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	698242	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	369872	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	679992	20.00	ng		0.00
75) Chrysene-d12	14.12	240	468902	20.00	ng		0.00
86) Perylene-d12	15.58	264	381329	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	755168	74.18	ng		0.00
7) Phenol-d6	6.57	99	902951	70.12	ng		0.00
23) Nitrobenzene-d5	7.52	82	782210	73.91	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	284683	88.65	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1525335	67.70	ng		0.00
78) Terphenyl-d14	13.06	244	1449593	70.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	171203	33.97	ng		91
3) Pyridine	3.37	79	501080	35.25	ng		90
4) n-Nitrosodimethylamine	3.33	42	233638	34.83	ng		95
6) Aniline	6.62	93	692281	35.91	ng	#	90
8) 2-Chlorophenol	6.73	128	403233	35.95	ng		86
9) Benzaldehyde	6.50	77	273182	35.88	ng	#	82
10) Phenol	6.58	94	511442	34.19	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	367338	33.49	ng		95
12) 1,3-Dichlorobenzene	6.89	146	485460	36.57	ng	#	93
13) 1,4-Dichlorobenzene	6.97	146	508566	37.87	ng	#	95
14) 1,2-Dichlorobenzene	7.12	146	422504m	33.81	ng		
15) Benzyl Alcohol	7.10	79	402720	39.66	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.23	45	722928	38.53	ng		88
17) 2-Methylphenol	7.20	107	354364	37.40	ng	#	87
18) Hexachloroethane	7.46	117	162052	37.05	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	316418	36.86	ng	#	81
20) 3+4-Methylphenols	7.36	107	461929	38.80	ng	#	68
22) Acetophenone	7.37	105	569335	37.18	ng	#	82
24) Nitrobenzene	7.54	77	509928	43.19	ng	#	72
25) Isophorone	7.78	82	927033	39.54	ng	#	92
26) 2-Nitrophenol	7.85	139	175496	40.92	ng	#	50
27) 2,4-Dimethylphenol	7.89	122	384038	36.12	ng	#	79
28) bis(2-Chloroethoxy)methane	7.99	93	502985	36.73	ng	#	93
29) 2,4-Dichlorophenol	8.09	162	383919	38.79	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	430973	38.79	ng		99
31) Naphthalene	8.26	128	1211996	37.63	ng		96
32) Benzoic acid	8.00	122	134791	65.11	ng	#	66
33) 4-Chloroaniline	8.31	127	499944	35.36	ng	#	86
34) Hexachlorobutadiene	8.38	225	254470	38.83	ng		98
35) Caprolactam	8.69	113	115242	43.58	ng	#	63
36) 4-Chloro-3-methylphenol	8.79	107	396477	39.97	ng		96
37) 2-Methylnaphthalene	8.95	142	797863	34.76	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	433520	36.72	ng		99
40) Hexachlorocyclopentadiene	9.11	237	165936	32.80	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	296370	38.10	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	281884	36.83	ng	#	92
45) 1,1'-Biphenyl	9.42	154	1030625	35.64	ng		93
46) 2-Chloronaphthalene	9.44	162	776926	33.40	ng	#	92
47) 2-Nitroaniline	9.53	65	230805	37.30	ng	#	68
48) Acenaphthylene	9.86	152	1414944	35.94	ng		95
49) Dimethylphthalate	9.73	163	1070986	38.05	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	230498	42.43	ng	#	80
51) Acenaphthene	10.03	154	843069	37.16	ng		89
52) 3-Nitroaniline	9.95	138	276198	46.88	ng	#	87
53) 2,4-Dinitrophenol	10.05	184	30664	49.37	ng	#	32
54) Dibenzofuran	10.21	168	1185823	35.63	ng		94
55) 4-Nitrophenol	10.09	139	150257	36.98	ng	#	37
56) 2,4-Dinitrotoluene	10.18	165	300433	46.19	ng	#	90
57) Fluorene	10.55	166	871930	34.14	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	236239	40.44	ng		97
59) Diethylphthalate	10.41	149	1009479	37.03	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	449309	38.32	ng		93
61) 4-Nitroaniline	10.56	138	233671	40.82	ng	#	44
62) Azobenzene	10.70	77	1048697	37.63	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	68314	46.58	ng		78
65) n-Nitrosodiphenylamine	10.65	169	798439	34.82	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	304231	40.18	ng	#	90
67) Hexachlorobenzene	11.09	284	294872	37.33	ng	#	92
68) Atrazine	11.18	200	239517	34.93	ng		83
69) Pentachlorophenol	11.28	266	184527	44.92	ng		99
70) Phenanthrene	11.51	178	1434642	36.90	ng		95
71) Anthracene	11.56	178	1225511	32.71	ng		95
72) Carbazole	11.72	167	1218931	35.05	ng		96
73) Di-n-butylphthalate	12.04	149	1494506	35.30	ng	#	97
74) Fluoranthene	12.69	202	1294122	33.04	ng		94
76) Benzidine	12.81	184	621276	39.04	ng	#	96
77) Pyrene	12.93	202	1369493m	38.74	ng		
79) Butylbenzylphthalate	13.54	149	636403	45.17	ng	#	88
80) Benzo(a)anthracene	14.10	228	1042124	36.65	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	358543	39.70	ng	#	96
82) Chrysene	14.15	228	1071053m	39.28	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	819063	47.95	ng	#	93
84) Di-n-octyl phthalate	14.71	149	1353050	53.86	ng		96
85) Indeno(1,2,3-cd)pyrene	17.05	276	879194	35.22	ng	#	89
87) Benzo(b)fluoranthene	15.16	252	844975	37.37	ng	#	87
88) Benzo(k)fluoranthene	15.19	252	820740m	37.68	ng		
89) Benzo(a)pyrene	15.52	252	750785	36.77	ng	#	87
90) Dibenzo(a,h)anthracene	17.08	278	731336	34.37	ng	#	79
91) Benzo(g,h,i)perylene	17.49	276	678129	30.91	ng	#	79

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

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