Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080902.D
Acq On : 6 Aug 2015 22:05
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:15:24 AM

Quant Time: Aug 07 05:01:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	56367	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	236962	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	114549	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	223949	20.00	ng	0.00
75) Chrysene-d12	13.96	240	196758	20.00	ng	0.00
86) Perylene-d12	15.36	264	190066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	294725	83.35	ng	0.00
7) Phenol-d6	6.44	99	398560	81.88	ng	0.00
23) Nitrobenzene-d5	7.38	82	400500	79.62	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	102288	83.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	592334	73.70	ng	0.00
78) Terphenyl-d14	12.91	244	701322	75.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	68154	39.79	ng	97
3) Pyridine	3.02	79	211137	43.84	ng	96
4) n-Nitrosodimethylamine	2.98	42	102604	41.17	ng	97
6) Aniline	6.46	93	283405	39.25	ng	97
8) 2-Chlorophenol	6.59	128	169972	42.34	ng	95
9) Benzaldehyde	6.35	77	133877	39.92	ng	99
10) Phenol	6.45	94	252464	43.22	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	158155	38.25	ng	98
12) 1,3-Dichlorobenzene	6.75	146	178920	41.08	ng	98
13) 1,4-Dichlorobenzene	6.83	146	175962	39.68	ng	99
14) 1,2-Dichlorobenzene	6.98	146	158701	39.04	ng	99
15) Benzyl Alcohol	6.96	79	169647	43.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	326258	38.44	ng	99
17) 2-Methylphenol	7.07	107	150560	41.85	ng	98
18) Hexachloroethane	7.32	117	67052	39.82	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	132851	38.33	ng	100
20) 3+4-Methylphenols	7.22	107	168285	38.58	ng	98
22) Acetophenone	7.22	105	217211	36.66	ng	100
24) Nitrobenzene	7.39	77	183904	35.87	ng	100
25) Isophorone	7.64	82	383057	39.73	ng	100
26) 2-Nitrophenol	7.71	139	81995	38.11	ng	97
27) 2,4-Dimethylphenol	7.76	122	171529	41.56	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	195949	34.29	ng	99
29) 2,4-Dichlorophenol	7.95	162	125325	38.08	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	144864	39.71	ng	99
31) Naphthalene	8.12	128	521154	40.53	ng	100
32) Benzoic acid	7.87	122	107072	40.78	ng	95
33) 4-Chloroaniline	8.17	127	207881	39.11	ng	100
34) Hexachlorobutadiene	8.24	225	78623	37.87	ng	99
35) Caprolactam	8.54	113	50696	41.27	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	150569	37.99	ng	99
37) 2-Methylnaphthalene	8.81	142	308510	38.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	141343	40.51	ng	98
40) Hexachlorocyclopentadiene	8.97	237	84411	42.16	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	93388	36.28	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	105042	40.25	ng		99
45) 1,1'-Biphenyl	9.28	154	402674	41.55	ng		100
46) 2-Chloronaphthalene	9.30	162	316852	41.82	ng		100
47) 2-Nitroaniline	9.39	65	123272	40.00	ng		98
48) Acenaphthylene	9.71	152	534860	40.24	ng		100
49) Dimethylphthalate	9.57	163	344871	37.91	ng		99
50) 2,6-Dinitrotoluene	9.64	165	76101	39.01	ng	#	41
51) Acenaphthene	9.88	154	317489	39.32	ng		99
52) 3-Nitroaniline	9.80	138	91249	37.83	ng		100
53) 2,4-Dinitrophenol	9.90	184	46117	43.15	ng		98
54) Dibenzofuran	10.05	168	433282	39.62	ng		99
55) 4-Nitrophenol	9.96	139	82607	45.39	ng		95
56) 2,4-Dinitrotoluene	10.04	165	103208	39.33	ng	#	53
57) Fluorene	10.40	166	351806	41.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	79346	38.10	ng		97
59) Diethylphthalate	10.27	149	382985	38.65	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	144659	36.07	ng		98
61) 4-Nitroaniline	10.42	138	108141	43.72	ng		96
62) Azobenzene	10.54	77	409167	37.68	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	58985	40.43	ng		92
65) n-Nitrosodiphenylamine	10.51	169	330007	41.36	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	94434	38.80	ng		98
67) Hexachlorobenzene	10.94	284	107650	40.90	ng		98
68) Atrazine	11.04	200	89513	38.85	ng		97
69) Pentachlorophenol	11.13	266	60900	41.28	ng		100
70) Phenanthrene	11.36	178	533068	40.67	ng		100
71) Anthracene	11.40	178	486364	37.71	ng		99
72) Carbazole	11.56	167	544523	41.80	ng		99
73) Di-n-butylphthalate	11.89	149	593478	37.36	ng		100
74) Fluoranthene	12.53	202	542554	37.86	ng		99
76) Benzidine	12.66	184	208307	25.92	ng		99
77) Pyrene	12.76	202	593136	40.56	ng		99
79) Butylbenzylphthalate	13.39	149	292810	41.86	ng		98
80) Benzo(a)anthracene	13.95	228	495598	38.55	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	203265	42.24	ng		97
82) Chrysene	13.99	228	499307	40.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	391336	40.82	ng		99
84) Di-n-octyl phthalate	14.56	149	675850	40.00	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	500446	41.83	ng		99
87) Benzo(b)fluoranthene	14.97	252	560839m	42.02	ng		
88) Benzo(k)fluoranthene	14.99	252	394031m	35.04	ng		
89) Benzo(a)pyrene	15.31	252	465926	40.50	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	414084	41.76	ng		99
91) Benzo(g,h,i)perylene	17.13	276	399264	41.54	ng		100

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

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