Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080937.D
Acq On : 7 Aug 2015 20:29
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:19:50 PM

Quant Time: Aug 08 06:01:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53614	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	221366	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	111237	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	216850	20.00	ng		0.00
75) Chrysene-d12	13.96	240	160080	20.00	ng		0.00
86) Perylene-d12	15.36	264	138757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	280231	85.40	ng		0.01
7) Phenol-d6	6.44	99	382341	85.03	ng		0.00
23) Nitrobenzene-d5	7.38	82	384900	82.25	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	102155	83.59	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	587461	74.35	ng		0.00
78) Terphenyl-d14	12.91	244	692550	89.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	63441	40.76	ng		99
3) Pyridine	3.02	79	194589	44.09	ng		96
4) n-Nitrosodimethylamine	2.98	42	96967	43.04	ng		97
6) Aniline	6.46	93	262456	39.73	ng		99
8) 2-Chlorophenol	6.59	128	163357	43.02	ng		98
9) Benzaldehyde	6.35	77	125000	41.24	ng		100
10) Phenol	6.45	94	242760	45.50	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	153474	38.53	ng		99
12) 1,3-Dichlorobenzene	6.75	146	172644	42.84	ng		98
13) 1,4-Dichlorobenzene	6.83	146	167042	39.89	ng		100
14) 1,2-Dichlorobenzene	6.98	146	162570	42.95	ng		99
15) Benzyl Alcohol	6.96	79	146823	39.90	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	314337	39.22	ng		98
17) 2-Methylphenol	7.07	107	134120	41.38	ng		98
18) Hexachloroethane	7.32	117	64979	40.50	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	133827	40.72	ng		99
20) 3+4-Methylphenols	7.22	107	158161	38.85	ng		97
22) Acetophenone	7.22	105	208282	38.40	ng		99
24) Nitrobenzene	7.39	77	173198	35.94	ng		99
25) Isophorone	7.64	82	366180	40.69	ng		99
26) 2-Nitrophenol	7.71	139	81893	40.39	ng		95
27) 2,4-Dimethylphenol	7.76	122	162590	42.83	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	190815	35.32	ng		98
29) 2,4-Dichlorophenol	7.95	162	124761	40.00	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	139652	40.96	ng		99
31) Naphthalene	8.12	128	500898	41.05	ng		99
32) Benzoic acid	7.87	122	100208	44.10	ng		91
33) 4-Chloroaniline	8.17	127	206371	41.62	ng		99
34) Hexachlorobutadiene	8.24	225	77027	37.97	ng		97
35) Caprolactam	8.54	113	47027	41.91	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	148991	39.14	ng		96
37) 2-Methylnaphthalene	8.81	142	311134	40.06	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136419	39.78	ng		99
40) Hexachlorocyclopentadiene	8.97	237	69689	37.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	89249	35.51	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	106275	41.96	ng		96
45) 1,1'-Biphenyl	9.28	154	390632	40.92	ng		99
46) 2-Chloronaphthalene	9.30	162	307002	41.25	ng		99
47) 2-Nitroaniline	9.39	65	122384	41.01	ng		98
48) Acenaphthylene	9.71	152	524691	40.55	ng		100
49) Dimethylphthalate	9.57	163	338562	36.64	ng		99
50) 2,6-Dinitrotoluene	9.64	165	73622	38.57	ng	#	40
51) Acenaphthene	9.88	154	313805	39.60	ng		99
52) 3-Nitroaniline	9.80	138	87391	37.13	ng		95
53) 2,4-Dinitrophenol	9.90	184	43270	40.59	ng		98
54) Dibenzofuran	10.05	168	433957	40.50	ng		100
55) 4-Nitrophenol	9.96	139	76958	43.69	ng		88
56) 2,4-Dinitrotoluene	10.03	165	102592	40.16	ng		99
57) Fluorene	10.40	166	358309	43.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77058m	38.44	ng		
59) Diethylphthalate	10.27	149	367448	38.20	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	140254	34.72	ng		98
61) 4-Nitroaniline	10.42	138	106313	43.90	ng		90
62) Azobenzene	10.54	77	405258	37.68	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	56290	41.89	ng		86
65) n-Nitrosodiphenylamine	10.51	169	326006	43.27	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	92708	40.36	ng		99
67) Hexachlorobenzene	10.94	284	105021	41.13	ng		99
68) Atrazine	11.04	200	89352	40.45	ng		99
69) Pentachlorophenol	11.13	266	59155	39.84	ng		95
70) Phenanthrene	11.36	178	513304	41.80	ng		99
71) Anthracene	11.40	178	473960	38.99	ng		100
72) Carbazole	11.56	167	485984	41.06	ng		100
73) Di-n-butylphthalate	11.89	149	600030	40.54	ng		100
74) Fluoranthene	12.53	202	531414	40.03	ng		99
76) Benzidine	12.66	184	313929	Below Cal			98
77) Pyrene	12.76	202	559787	47.34	ng		99
79) Butylbenzylphthalate	13.39	149	274780	48.20	ng		98
80) Benzo(a)anthracene	13.94	228	432102	42.73	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	179272	48.74	ng		98
82) Chrysene	13.99	228	452608	46.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	377559	47.60	ng		100
84) Di-n-octyl phthalate	14.56	149	664084	49.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	394884	42.86	ng		100
87) Benzo(b)fluoranthene	14.96	252	457469m	47.41	ng		
88) Benzo(k)fluoranthene	14.99	252	282210m	33.43	ng		
89) Benzo(a)pyrene	15.30	252	324757	39.16	ng	#	94
90) Dibenzo(a,h)anthracene	16.74	278	326405	44.50	ng		98
91) Benzo(g,h,i)perylene	17.13	276	323361	45.33	ng		98

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

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