Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082675.D
Acq On : 3 Nov 2015 22:13
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:14 PM

Quant Time: Nov 04 04:20:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186686	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	754094	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	383812	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	685632	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	502918	20.00	ng		-0.01
86) Perylene-d12	15.48	264	447398	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	854280	68.92	ng		0.00
7) Phenol-d6	6.51	99	1225295	74.41	ng		0.00
23) Nitrobenzene-d5	7.45	82	1343532	72.75	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	341797	81.37	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2141548	79.22	ng		0.00
78) Terphenyl-d14	12.99	244	2023075	88.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	207203	36.16	ng		96
3) Pyridine	3.20	79	638862	38.03	ng		96
4) n-Nitrosodimethylamine	3.13	42	294478	31.14	ng		91
6) Aniline	6.53	93	857545	37.40	ng		97
8) 2-Chlorophenol	6.66	128	487000	36.31	ng	#	80
9) Benzaldehyde	6.42	77	363702	32.35	ng		96
10) Phenol	6.52	94	744396	39.89	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	494713	35.94	ng		93
12) 1,3-Dichlorobenzene	6.82	146	578481m	37.83	ng		
13) 1,4-Dichlorobenzene	6.90	146	624504	41.18	ng		95
14) 1,2-Dichlorobenzene	7.05	146	513177m	36.45	ng		
15) Benzyl Alcohol	7.02	79	586828	38.22	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.16	45	768465	35.13	ng		98
17) 2-Methylphenol	7.14	107	452054	39.64	ng		96
18) Hexachloroethane	7.40	117	223306	37.73	ng	#	80
19) n-Nitroso-di-n-propylamine	7.30	70	429046	34.37	ng		92
20) 3+4-Methylphenols	7.29	107	515696	34.80	ng		92
22) Acetophenone	7.29	105	742123	33.43	ng	#	82
24) Nitrobenzene	7.46	77	574151	30.76	ng	#	88
25) Isophorone	7.71	82	1214059	35.74	ng		96
26) 2-Nitrophenol	7.78	139	263351	38.62	ng	#	82
27) 2,4-Dimethylphenol	7.82	122	521175	39.16	ng		94
28) bis(2-Chloroethoxy)methane	7.92	93	607217	32.68	ng		98
29) 2,4-Dichlorophenol	8.02	162	422256	34.80	ng		86
30) 1,2,4-Trichlorobenzene	8.11	180	497578	36.95	ng		97
31) Naphthalene	8.19	128	1501498	36.80	ng		100
32) Benzoic acid	7.94	122	352586	36.51	ng		96
33) 4-Chloroaniline	8.24	127	674389	38.71	ng	#	92
34) Hexachlorobutadiene	8.32	225	322413	37.65	ng		98
35) Caprolactam	8.61	113	148540	39.90	ng	#	73
36) 4-Chloro-3-methylphenol	8.72	107	494220	34.59	ng		94
37) 2-Methylnaphthalene	8.88	142	942313	35.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	450400	35.17	ng		99
40) Hexachlorocyclopentadiene	9.05	237	275992	34.28	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	361436	39.08	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	360974	39.18	ng	#	89
45) 1,1'-Biphenyl	9.34	154	1136646	35.06	ng		97
46) 2-Chloronaphthalene	9.37	162	887242	35.05	ng		94
47) 2-Nitroaniline	9.46	65	362167	36.80	ng		88
48) Acenaphthylene	9.79	152	1547912	38.23	ng		98
49) Dimethylphthalate	9.65	163	1249410	39.86	ng		99
50) 2,6-Dinitrotoluene	9.71	165	259528	39.95	ng	#	58
51) Acenaphthene	9.96	154	1021262	39.73	ng		99
52) 3-Nitroaniline	9.87	138	263964	36.52	ng		89
53) 2,4-Dinitrophenol	9.97	184	142358	44.38	ng	#	20
54) Dibenzofuran	10.13	168	1341885	38.47	ng	#	88
55) 4-Nitrophenol	10.03	139	213603	39.28	ng	#	72
56) 2,4-Dinitrotoluene	10.11	165	355563	40.47	ng	#	60
57) Fluorene	10.48	166	1072105	38.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	312904	40.18	ng	#	89
59) Diethylphthalate	10.35	149	1187202	37.20	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	499342	36.51	ng	#	87
61) 4-Nitroaniline	10.49	138	296262	42.95	ng	#	78
62) Azobenzene	10.62	77	1189320	33.05	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	176720	42.73	ng	#	49
65) n-Nitrosodiphenylamine	10.58	169	874254	37.09	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	334846	43.10	ng	#	87
67) Hexachlorobenzene	11.02	284	373666	43.37	ng	#	70
68) Atrazine	11.12	200	320230	41.53	ng		90
69) Pentachlorophenol	11.21	266	224736	39.56	ng		99
70) Phenanthrene	11.44	178	1565385	40.48	ng		97
71) Anthracene	11.48	178	1535671	39.44	ng		100
72) Carbazole	11.63	167	1260212	37.16	ng		99
73) Di-n-butylphthalate	11.97	149	1703269	39.45	ng		99
74) Fluoranthene	12.61	202	1507060	38.12	ng		98
76) Benzidine	12.74	184	880485	38.82	ng		99
77) Pyrene	12.84	202	1470354	39.48	ng		99
79) Butylbenzylphthalate	13.47	149	738025	45.25	ng		99
80) Benzo(a)anthracene	14.03	228	1253230	39.23	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	435105	39.53	ng		99
82) Chrysene	14.08	228	1225598	42.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1117734	52.86	ng	#	99
84) Di-n-octyl phthalate	14.65	149	1566488	47.49	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1203318	50.36	ng		99
87) Benzo(b)fluoranthene	15.07	252	995518	32.27	ng		99
88) Benzo(k)fluoranthene	15.11	252	1022523m	43.51	ng		
89) Benzo(a)pyrene	15.43	252	913910	37.62	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	1008701	44.50	ng		98
91) Benzo(g,h,i)perylene	17.32	276	995161	45.30	ng		99

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

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