Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082969.D
Acq On : 17 Nov 2015 12:27
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:56:20 PM

Quant Time: Nov 17 13:00:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	256908	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	996364	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	462248	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	819080	20.00	ng		-0.07
75) Chrysene-d12	13.94	240	498055	20.00	ng		-0.08
86) Perylene-d12	15.35	264	558947	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1237416	74.94	ng		-0.06
7) Phenol-d6	6.44	99	1619439	73.78	ng		-0.05
23) Nitrobenzene-d5	7.36	82	1589762	69.43	ng		-0.06
41) 2,4,6-Tribromophenol	10.62	330	350229	66.08	ng		-0.06
44) 2-Fluorobiphenyl	9.16	172	2600093	80.62	ng		-0.06
78) Terphenyl-d14	12.90	244	1994502	94.98	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	292874	41.11	ng		98
3) Pyridine	3.01	79	906276	43.84	ng		95
4) n-Nitrosodimethylamine	2.98	42	397851	38.80	ng	#	76
6) Aniline	6.45	93	1120169	36.35	ng	#	63
8) 2-Chlorophenol	6.58	128	721438	39.41	ng		90
9) Benzaldehyde	6.33	77	458737	37.83	ng		88
10) Phenol	6.45	94	865336	34.74	ng	#	41
11) bis(2-Chloroethyl)ether	6.53	93	753953	40.48	ng	#	82
12) 1,3-Dichlorobenzene	6.73	146	803063m	38.90	ng		
13) 1,4-Dichlorobenzene	6.81	146	844487	39.32	ng		92
14) 1,2-Dichlorobenzene	6.96	146	651283	33.34	ng		95
15) Benzyl Alcohol	6.94	79	701900	36.41	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1125324	41.19	ng	#	46
17) 2-Methylphenol	7.06	107	594700	38.36	ng		98
18) Hexachloroethane	7.30	117	268243	34.92	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	554527	34.37	ng		87
20) 3+4-Methylphenols	7.22	107	675401	33.51	ng	#	62
22) Acetophenone	7.21	105	1085490	38.02	ng	#	98
24) Nitrobenzene	7.38	77	919783	39.28	ng		93
25) Isophorone	7.62	82	1574802	37.17	ng		99
26) 2-Nitrophenol	7.69	139	366429	37.49	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	565729	32.21	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	995967	41.68	ng		97
29) 2,4-Dichlorophenol	7.94	162	566712	35.70	ng		87
30) 1,2,4-Trichlorobenzene	8.02	180	641205	35.92	ng		98
31) Naphthalene	8.10	128	1895034	34.47	ng		99
32) Benzoic acid	7.89	122	391375	32.55	ng		89
33) 4-Chloroaniline	8.16	127	874079	36.89	ng	#	83
34) Hexachlorobutadiene	8.22	225	421271	37.71	ng		99
35) Caprolactam	8.54	113	181854	36.34	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	649497	34.80	ng		89
37) 2-Methylnaphthalene	8.78	142	1220937	34.33	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	575812	37.91	ng		99
40) Hexachlorocyclopentadiene	8.94	237	124603	15.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	408570	36.03	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	412088	36.75	ng		93
45) 1,1'-Biphenyl	9.25	154	1350901	34.06	ng		96
46) 2-Chloronaphthalene	9.28	162	1087385	35.14	ng		96
47) 2-Nitroaniline	9.38	65	488650	42.57	ng	#	61
48) Acenaphthylene	9.69	152	1723550	35.54	ng		100
49) Dimethylphthalate	9.56	163	1327577	35.05	ng		99
50) 2,6-Dinitrotoluene	9.62	165	281214	34.80	ng		98
51) Acenaphthene	9.86	154	1101668	35.85	ng		98
52) 3-Nitroaniline	9.79	138	383158	43.11	ng	#	81
53) 2,4-Dinitrophenol	9.89	184	74267	16.74	ng	#	5
54) Dibenzofuran	10.03	168	1446007	34.90	ng		94
55) 4-Nitrophenol	9.96	139	211426	31.01	ng		82
56) 2,4-Dinitrotoluene	10.02	165	370957	33.83	ng		97
57) Fluorene	10.37	166	1074351	32.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	314655	34.38	ng	#	93
59) Diethylphthalate	10.26	149	1382790	37.40	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	630793	37.57	ng		98
61) 4-Nitroaniline	10.41	138	365517	40.90	ng	#	64
62) Azobenzene	10.53	77	1587111	39.96	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	139231	23.86	ng		95
65) n-Nitrosodiphenylamine	10.49	169	1050642	35.51	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	354520	35.95	ng	#	71
67) Hexachlorobenzene	10.92	284	371237	33.71	ng	#	87
68) Atrazine	11.02	200	361214	39.48	ng		97
69) Pentachlorophenol	11.12	266	198763	29.72	ng		99
70) Phenanthrene	11.33	178	1662927	34.96	ng		99
71) Anthracene	11.39	178	1738284	34.69	ng		98
72) Carbazole	11.54	167	1367652	31.18	ng		99
73) Di-n-butylphthalate	11.88	149	2157484	39.48	ng		98
74) Fluoranthene	12.52	202	1612847	31.60	ng		95
76) Benzidine	12.64	184	695327	41.66	ng		98
77) Pyrene	12.74	202	1530436	44.74	ng		98
79) Butylbenzylphthalate	13.37	149	705547	46.69	ng		96
80) Benzo(a)anthracene	13.93	228	1255937	40.33	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	446358	40.31	ng		98
82) Chrysene	13.97	228	1273526	44.64	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1015193	49.09	ng	#	98
84) Di-n-octyl phthalate	14.55	149	1629493	47.23	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	1307352	53.21	ng	#	96
87) Benzo(b)fluoranthene	14.96	252	1309119m	36.49	ng		
88) Benzo(k)fluoranthene	14.98	252	1035966m	32.55	ng		
89) Benzo(a)pyrene	15.30	252	1170240	37.65	ng	#	98
90) Dibenzo(a,h)anthracene	16.73	278	1082789	41.14	ng		98
91) Benzo(g,h,i)perylene	17.12	276	1021156	40.50	ng		96

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

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