Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078684.D
Acq On : 21 Apr 2015 15:06
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/22/2015 5:21:46 PM

Quant Time: Apr 22 10:48:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	41137	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	174092	20.00	ng		0.00
38) Acenaphthene-d10	11.18	164	89261	20.00	ng		0.00
63) Phenanthrene-d10	13.91	188	177313	20.00	ng		0.00
75) Chrysene-d12	17.78	240	176708	20.00	ng		0.00
86) Perylene-d12	19.49	264	188991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.83	112	207626	83.22	ng		0.00
7) Phenol-d6	5.32	99	264517	84.60	ng		0.00
23) Nitrobenzene-d5	6.76	82	242555	84.45	ng		0.00
41) 2,4,6-Tribromophenol	12.65	330	69930	94.46	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	504272	80.75	ng		0.00
78) Terphenyl-d14	16.43	244	646897	82.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.38	88	40302	35.72	ng	#	93
3) Pyridine	1.86	79	132809	44.94	ng		95
4) n-Nitrosodimethylamine	1.83	42	54723	48.10	ng		91
6) Aniline	5.30	93	187776	42.35	ng		90
8) 2-Chlorophenol	5.48	128	122417	41.49	ng		98
9) Benzaldehyde	5.13	77	66766	32.22	ng		98
10) Phenol	5.35	94	156364	41.74	ng		96
11) bis(2-Chloroethyl)ether	5.45	93	109691	40.71	ng		97
12) 1,3-Dichlorobenzene	5.71	146	131495	40.58	ng		97
13) 1,4-Dichlorobenzene	5.85	146	133762	41.01	ng		96
14) 1,2-Dichlorobenzene	6.08	146	124343	40.65	ng		100
15) Benzyl Alcohol	6.10	79	105923	48.21	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.34	45	146073	40.64	ng		86
17) 2-Methylphenol	6.33	107	97145	42.41	ng		95
18) Hexachloroethane	6.63	117	46499	42.27	ng	#	83
19) n-Nitroso-di-n-propylamine	6.56	70	92852	45.01	ng		90
20) 3+4-Methylphenols	6.60	107	130588	42.74	ng		91
22) Acetophenone	6.52	105	172404	42.50	ng	#	93
24) Nitrobenzene	6.80	77	132360	44.08	ng		91
25) Isophorone	7.22	82	243807	44.73	ng		94
26) 2-Nitrophenol	7.35	139	66434	46.43	ng		98
27) 2,4-Dimethylphenol	7.51	122	109732	41.24	ng		97
28) bis(2-Chloroethoxy)methane	7.67	93	145704	41.68	ng		99
29) 2,4-Dichlorophenol	7.79	162	105233	43.47	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	111810	40.29	ng		98
31) Naphthalene	8.02	128	369874	40.82	ng		99
32) Benzoic acid	7.76	122	51609m	42.06	ng		
33) 4-Chloroaniline	8.18	127	161789	43.03	ng		98
34) Hexachlorobutadiene	8.27	225	64388	42.25	ng		97
35) Caprolactam	8.84	113	35567	49.23	ng		95
36) 4-Chloro-3-methylphenol	9.14	107	112955	46.25	ng		95
37) 2-Methylnaphthalene	9.28	142	248546	40.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.59	216	112540	40.69	ng		99
40) Hexachlorocyclopentadiene	9.58	237	39385	37.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	80165	45.96	ng		100
43) 2,4,5-Trichlorophenol	9.92	196	83417	45.78	ng	#	88
45) 1,1'-Biphenyl	10.16	154	289297	39.62	ng		97
46) 2-Chloronaphthalene	10.16	162	228665	39.81	ng		96
47) 2-Nitroaniline	10.41	65	70730	49.76	ng	#	70
48) Acenaphthylene	10.90	152	387236	41.74	ng		99
49) Dimethylphthalate	10.81	163	281616	41.99	ng		98
50) 2,6-Dinitrotoluene	10.90	165	60321	43.72	ng	#	47
51) Acenaphthene	11.23	154	216199	41.40	ng		100
52) 3-Nitroaniline	11.18	138	70175	44.73	ng	#	93
53) 2,4-Dinitrophenol	11.41	184	16600	42.05	ng		96
54) Dibenzofuran	11.57	168	332745	41.71	ng		94
55) 4-Nitrophenol	11.61	139	43282	38.94	ng		83
56) 2,4-Dinitrotoluene	11.63	165	83886	46.94	ng	#	80
57) Fluorene	12.19	166	282499	43.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.83	232	56634	41.92	ng	#	96
59) Diethylphthalate	12.14	149	286858	44.36	ng		99
60) 4-Chlorophenyl-phenylether	12.25	204	125196	42.09	ng	#	82
61) 4-Nitroaniline	12.31	138	70618	44.53	ng		97
62) Azobenzene	12.54	77	255707	43.33	ng		96
64) 4,6-Dinitro-2-methylphenol	12.39	198	37552	43.62	ng	#	68
65) n-Nitrosodiphenylamine	12.49	169	242963	39.61	ng		99
66) 4-Bromophenyl-phenylether	13.14	248	78946	42.04	ng		98
67) Hexachlorobenzene	13.19	284	83388	40.52	ng	#	93
68) Atrazine	13.57	200	78262	44.06	ng		97
69) Pentachlorophenol	13.60	266	29425	36.88	ng		98
70) Phenanthrene	13.95	178	409860	39.96	ng		99
71) Anthracene	14.05	178	412799	40.84	ng		99
72) Carbazole	14.38	167	392380	41.43	ng		100
73) Di-n-butylphthalate	15.05	149	490057	45.67	ng		99
74) Fluoranthene	15.84	202	458261	42.37	ng		94
76) Benzidine	16.09	184	194004	28.51	ng		98
77) Pyrene	16.15	202	472667	42.61	ng		98
79) Butylbenzylphthalate	17.14	149	220532	52.16	ng	#	79
80) Benzo(a)anthracene	17.76	228	443799	42.21	ng		99
81) 3,3'-Dichlorobenzidine	17.77	252	157282	44.67	ng	#	98
82) Chrysene	17.81	228	428213	43.35	ng		100
83) Bis(2-ethylhexyl)phthalate	17.91	149	315712	47.61	ng		99
84) Di-n-octyl phthalate	18.69	149	564870	51.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.66	276	523716	46.72	ng	#	87
87) Benzo(b)fluoranthene	19.06	252	461792	39.54	ng		100
88) Benzo(k)fluoranthene	19.10	252	432964m	41.71	ng		
89) Benzo(a)pyrene	19.43	252	431573	42.34	ng		99
90) Dibenzo(a,h)anthracene	20.69	278	423656	41.51	ng		99
91) Benzo(g,h,i)perylene	20.98	276	424693	41.50	ng		97

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

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