Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077595.D
Acq On : 4 Mar 2015 21:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/5/2015 12:47:59 PM

Quant Time: Mar 05 04:50:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	88133	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	349378	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	172148	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	328450	20.00	ng		0.00
75) Chrysene-d12	16.10	240	365291	20.00	ng		0.00
86) Perylene-d12	17.80	264	369498	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	422461	80.02	ng		0.00
7) Phenol-d6	6.79	99	518372	76.37	ng		0.00
23) Nitrobenzene-d5	7.91	82	464425	82.66	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	138135	83.34	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	878286	79.55	ng		0.00
78) Terphenyl-d14	14.81	244	1077927	68.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	84183	37.58	ng		96
3) Pyridine	2.87	79	240627	37.55	ng		96
4) n-Nitrosodimethylamine	2.78	42	117902	42.31	ng	#	98
6) Aniline	6.81	93	360342	38.41	ng	#	63
8) 2-Chlorophenol	6.95	128	247590	39.76	ng		91
9) Benzaldehyde	6.67	77	179838	43.64	ng		94
10) Phenol	6.80	94	299610	37.20	ng	#	33
11) bis(2-Chloroethyl)ether	6.91	93	214655	37.09	ng		87
12) 1,3-Dichlorobenzene	7.15	146	257897	38.03	ng	#	90
13) 1,4-Dichlorobenzene	7.24	146	259574	37.63	ng		97
14) 1,2-Dichlorobenzene	7.43	146	247074	37.65	ng		98
15) Benzyl Alcohol	7.41	79	188627	36.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	301628	36.46	ng		97
17) 2-Methylphenol	7.55	107	189649	38.96	ng		97
18) Hexachloroethane	7.84	117	90244	39.16	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	167674	38.90	ng		93
20) 3+4-Methylphenols	7.74	107	243651	38.00	ng	#	77
22) Acetophenone	7.73	105	337787	41.10	ng	#	88
24) Nitrobenzene	7.94	77	245019	41.45	ng		89
25) Isophorone	8.24	82	418215	37.52	ng		95
26) 2-Nitrophenol	8.33	139	109487	45.19	ng	#	87
27) 2,4-Dimethylphenol	8.40	122	219057	40.41	ng		98
28) bis(2-Chloroethoxy)methane	8.52	93	276954	39.33	ng		99
29) 2,4-Dichlorophenol	8.63	162	201428	39.59	ng		88
30) 1,2,4-Trichlorobenzene	8.73	180	204968	36.64	ng		98
31) Naphthalene	8.83	128	679625	38.90	ng		99
32) Benzoic acid	8.50	122	110028	41.77	ng		99
33) 4-Chloroaniline	8.90	127	307335	39.56	ng	#	93
34) Hexachlorobutadiene	8.98	225	119849	37.53	ng		99
35) Caprolactam	9.33	113	60497	38.95	ng		99
36) 4-Chloro-3-methylphenol	9.51	107	198002	38.71	ng		93
37) 2-Methylnaphthalene	9.68	142	479340	38.63	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	205427	41.59	ng		99
40) Hexachlorocyclopentadiene	9.88	237	103610	39.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	138948	42.48	ng		96
43) 2,4,5-Trichlorophenol	10.08	196	146062	41.76	ng	#	83
45) 1,1'-Biphenyl	10.27	154	563025	43.17	ng		99
46) 2-Chloronaphthalene	10.29	162	423086	41.36	ng		98
47) 2-Nitroaniline	10.42	65	130329	51.76	ng	#	76
48) Acenaphthylene	10.80	152	673029	41.56	ng		99
49) Dimethylphthalate	10.66	163	504670	41.71	ng		98
50) 2,6-Dinitrotoluene	10.73	165	108318	44.64	ng	#	65
51) Acenaphthene	11.01	154	400885	41.49	ng		100
52) 3-Nitroaniline	10.93	138	132762	47.45	ng		81
53) 2,4-Dinitrophenol	11.06	184	38064	51.55	ng	#	66
54) Dibenzofuran	11.23	168	639193	42.84	ng		99
55) 4-Nitrophenol	11.14	139	99073	44.02	ng	#	64
56) 2,4-Dinitrotoluene	11.22	165	139324	42.49	ng	#	70
57) Fluorene	11.65	166	501295	42.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.38	232	123030	43.75	ng		96
59) Diethylphthalate	11.53	149	490392	41.11	ng		96
60) 4-Chlorophenyl-phenylether	11.66	204	230182	40.05	ng		99
61) 4-Nitroaniline	11.68	138	134608	50.20	ng		94
62) Azobenzene	11.86	77	486836	43.01	ng		97
64) 4,6-Dinitro-2-methylphenol	11.72	198	58666	45.01	ng		74
65) n-Nitrosodiphenylamine	11.81	169	439675	40.34	ng		99
66) 4-Bromophenyl-phenylether	12.27	248	137433	35.73	ng		91
67) Hexachlorobenzene	12.33	284	152382	36.91	ng	#	87
68) Atrazine	12.48	200	126192	35.62	ng		91
69) Pentachlorophenol	12.58	266	81889	37.74	ng		99
70) Phenanthrene	12.84	178	732099	38.46	ng		99
71) Anthracene	12.91	178	751173	39.76	ng		99
72) Carbazole	13.11	167	730393	40.66	ng		99
73) Di-n-butylphthalate	13.56	149	765648	36.30	ng		100
74) Fluoranthene	14.32	202	819423	39.41	ng		99
76) Benzidine	14.50	184	552141	44.74	ng		98
77) Pyrene	14.60	202	845754	37.85	ng		99
79) Butylbenzylphthalate	15.43	149	344230	37.44	ng		92
80) Benzo(a)anthracene	16.08	228	847418	39.58	ng		100
81) 3,3'-Dichlorobenzidine	16.06	252	305622	38.96	ng		99
82) Chrysene	16.13	228	742060	36.91	ng		99
83) Bis(2-ethylhexyl)phthalate	16.14	149	496100	33.65	ng	#	98
84) Di-n-octyl phthalate	16.93	149	831857	33.80	ng		99
85) Indeno(1,2,3-cd)pyrene	19.23	276	932243m	40.67	ng		
87) Benzo(b)fluoranthene	17.37	252	821937m	38.25	ng		
88) Benzo(k)fluoranthene	17.40	252	799189	37.95	ng	#	94
89) Benzo(a)pyrene	17.74	252	788751	38.54	ng	#	96
90) Dibenzo(a,h)anthracene	19.26	278	762076	39.05	ng		98
91) Benzo(g,h,i)perylene	19.65	276	776837	39.44	ng		96

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

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