Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082295.D
Acq On : 15 Oct 2015 8:12
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/16/2015 4:15:45 PM

Quant Time: Oct 16 01:05:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	114436	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	447792	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	222318	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	429797	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	315462	20.00	ng		0.08
86) Perylene-d12	15.66	264	266298	20.00	ng		0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	433822	76.51	ng		-0.01
7) Phenol-d6	6.47	99	560560	75.97	ng		-0.01
23) Nitrobenzene-d5	7.41	82	544435	81.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	182555	87.56	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1096512	81.79	ng		-0.01
78) Terphenyl-d14	12.97	244	1094008	91.90	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	99171	34.81	ng		97
3) Pyridine	3.09	79	263650	39.79	ng		97
4) n-Nitrosodimethylamine	3.05	42	108160	38.49	ng		98
6) Aniline	6.49	93	383503	40.31	ng		96
8) 2-Chlorophenol	6.61	128	251475	36.33	ng	#	80
9) Benzaldehyde	6.38	77	159915	42.44	ng		94
10) Phenol	6.48	94	306321	36.01	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	265271	36.87	ng		95
12) 1,3-Dichlorobenzene	6.77	146	314475	39.01	ng		97
13) 1,4-Dichlorobenzene	6.85	146	322978	38.37	ng		98
14) 1,2-Dichlorobenzene	6.99	146	277290	34.69	ng		98
15) Benzyl Alcohol	6.97	79	203141	39.88	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	356906	35.63	ng		97
17) 2-Methylphenol	7.10	107	216324	39.52	ng		100
18) Hexachloroethane	7.34	117	112286	38.97	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	196195	37.86	ng		98
20) 3+4-Methylphenols	7.25	107	238157	36.51	ng		91
22) Acetophenone	7.25	105	347697	39.25	ng		97
24) Nitrobenzene	7.42	77	259480	35.95	ng		100
25) Isophorone	7.66	82	521293	38.73	ng		99
26) 2-Nitrophenol	7.74	139	159968	44.39	ng		96
27) 2,4-Dimethylphenol	7.78	122	239522	41.25	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	327102	41.77	ng		99
29) 2,4-Dichlorophenol	7.98	162	232248	40.01	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	262333	39.21	ng		97
31) Naphthalene	8.14	128	712300	36.70	ng		100
32) Benzoic acid	7.91	122	104707	26.87	ng		96
33) 4-Chloroaniline	8.19	127	327887	40.67	ng		100
34) Hexachlorobutadiene	8.25	225	166627	39.97	ng		98
35) Caprolactam	8.58	113	65192	38.70	ng	#	77
36) 4-Chloro-3-methylphenol	8.69	107	247200	43.55	ng		89
37) 2-Methylnaphthalene	8.83	142	562573	41.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	247621	37.45	ng		98
40) Hexachlorocyclopentadiene	8.98	237	81690	30.18	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	179961	40.97	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	177464	37.30	ng	#	89
45) 1,1'-Biphenyl	9.30	154	691138	40.77	ng		95
46) 2-Chloronaphthalene	9.33	162	546207	40.93	ng		97
47) 2-Nitroaniline	9.43	65	162572	44.37	ng	#	75
48) Acenaphthylene	9.74	152	765442	36.82	ng		99
49) Dimethylphthalate	9.61	163	637868	40.74	ng	#	98
50) 2,6-Dinitrotoluene	9.67	165	124562	37.71	ng	#	78
51) Acenaphthene	9.91	154	469904	37.65	ng		99
52) 3-Nitroaniline	9.84	138	143534	38.47	ng		90
53) 2,4-Dinitrophenol	9.94	184	51081	31.86	ng	#	72
54) Dibenzofuran	10.08	168	630195	36.78	ng		97
55) 4-Nitrophenol	10.01	139	92632	43.77	ng		91
56) 2,4-Dinitrotoluene	10.07	165	174591	42.29	ng		91
57) Fluorene	10.42	166	517257	36.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166097	42.73	ng		92
59) Diethylphthalate	10.31	149	617110	42.29	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	272458	42.26	ng	#	80
61) 4-Nitroaniline	10.46	138	150152	41.49	ng		93
62) Azobenzene	10.58	77	565979	39.63	ng		85
64) 4,6-Dinitro-2-methylphenol	10.48	198	84855	35.18	ng	#	62
65) n-Nitrosodiphenylamine	10.54	169	485478	37.73	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	170615	39.67	ng	#	82
67) Hexachlorobenzene	10.97	284	172582	37.10	ng	#	75
68) Atrazine	11.07	200	170930	41.93	ng		99
69) Pentachlorophenol	11.17	266	96839	40.45	ng		97
70) Phenanthrene	11.39	178	847528	40.23	ng		99
71) Anthracene	11.44	178	820189	37.78	ng		99
72) Carbazole	11.60	167	722217	36.47	ng		98
73) Di-n-butylphthalate	11.93	149	1018252	41.68	ng		99
74) Fluoranthene	12.58	202	846805	37.43	ng		99
76) Benzidine	12.71	184	412494	45.12	ng		100
77) Pyrene	12.81	202	804869	42.99	ng		99
79) Butylbenzylphthalate	13.46	149	415867	48.68	ng		89
80) Benzo(a)anthracene	14.07	228	639298	38.95	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	251908	40.43	ng		99
82) Chrysene	14.12	228	646788	37.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	529376	43.43	ng		99
84) Di-n-octyl phthalate	14.77	149	793283	37.90	ng		100
85) Indeno(1,2,3-cd)pyrene	17.11	276	641921	46.70	ng		100
87) Benzo(b)fluoranthene	15.24	252	609846	37.64	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	483875m	35.53	ng		
89) Benzo(a)pyrene	15.59	252	523176	37.57	ng		99
90) Dibenzo(a,h)anthracene	17.12	278	544094	47.68	ng		99
91) Benzo(g,h,i)perylene	17.54	276	547686	49.41	ng		98

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

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