Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080741.D
Acq On : 31 Jul 2015 18:49
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:56:17 AM

Quant Time: Aug 01 01:48:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	169607	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	638663	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	323409	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	540056	20.00	ng		0.00
75) Chrysene-d12	14.00	240	365503	20.00	ng		0.00
86) Perylene-d12	15.41	264	351904	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	766507	77.53	ng		0.00
7) Phenol-d6	6.49	99	1104155	82.03	ng		0.00
23) Nitrobenzene-d5	7.42	82	1102248	83.58	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	247897	73.87	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1675675	77.30	ng		0.00
78) Terphenyl-d14	12.96	244	1468985	76.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	186716	38.30	ng		99
3) Pyridine	3.21	79	550645	40.71	ng		97
4) n-Nitrosodimethylamine	3.16	42	330096	42.69	ng		99
6) Aniline	6.52	93	770054	39.74	ng		98
8) 2-Chlorophenol	6.64	128	419383	37.84	ng		99
9) Benzaldehyde	6.40	77	315288	37.41	ng		85
10) Phenol	6.50	94	683871	43.91	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	401871	36.12	ng		99
12) 1,3-Dichlorobenzene	6.80	146	496800	40.27	ng		98
13) 1,4-Dichlorobenzene	6.88	146	521703	41.45	ng		100
14) 1,2-Dichlorobenzene	7.02	146	444752	38.66	ng		98
15) Benzyl Alcohol	7.00	79	396052	35.43	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	927388	39.01	ng		98
17) 2-Methylphenol	7.10	107	347973	38.25	ng		98
18) Hexachloroethane	7.37	117	188202	40.07	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	370490	40.87	ng		96
20) 3+4-Methylphenols	7.26	107	465459	41.47	ng		97
22) Acetophenone	7.26	105	572799	37.16	ng		97
24) Nitrobenzene	7.44	77	477303	36.12	ng		99
25) Isophorone	7.68	82	895915	38.20	ng		99
26) 2-Nitrophenol	7.76	139	237529m	44.29	ng		
27) 2,4-Dimethylphenol	7.79	122	402582	39.95	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	576045	41.46	ng		99
29) 2,4-Dichlorophenol	8.00	162	356752	39.83	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	370544	37.94	ng		100
31) Naphthalene	8.16	128	1144449	35.90	ng		99
32) Benzoic acid	7.90	122	253092m	35.90	ng		
33) 4-Chloroaniline	8.21	127	504778	37.52	ng		97
34) Hexachlorobutadiene	8.28	225	264888	42.01	ng		99
35) Caprolactam	8.58	113	103645	38.65	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	392863	40.69	ng	#	82
37) 2-Methylnaphthalene	8.85	142	812494	40.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	342777	33.75	ng		97
40) Hexachlorocyclopentadiene	9.00	237	215325	34.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	252227m	35.70	ng		
43) 2,4,5-Trichlorophenol	9.16	196	277455m	39.59	ng		
45) 1,1'-Biphenyl	9.31	154	836202	33.72	ng		95
46) 2-Chloronaphthalene	9.33	162	706983	34.91	ng	#	90
47) 2-Nitroaniline	9.42	65	277679	35.24	ng	#	72
48) Acenaphthylene	9.76	152	1211206	37.61	ng		99
49) Dimethylphthalate	9.62	163	868370	38.10	ng		99
50) 2,6-Dinitrotoluene	9.68	165	192878	39.88	ng		94
51) Acenaphthene	9.93	154	758779	38.62	ng		99
52) 3-Nitroaniline	9.85	138	198101	35.49	ng		98
53) 2,4-Dinitrophenol	9.94	184	90911	35.29	ng		97
54) Dibenzofuran	10.10	168	967188	36.80	ng		97
55) 4-Nitrophenol	10.00	139	142536	34.66	ng		98
56) 2,4-Dinitrotoluene	10.08	165	258236	40.71	ng		90
57) Fluorene	10.44	166	714379	35.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	208208	39.39	ng		98
59) Diethylphthalate	10.32	149	827091	37.65	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	360628	40.73	ng		96
61) 4-Nitroaniline	10.45	138	190758	37.85	ng		99
62) Azobenzene	10.59	77	998694	41.96	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	120861	37.16	ng		95
65) n-Nitrosodiphenylamine	10.54	169	652204	36.84	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	242412	43.48	ng		94
67) Hexachlorobenzene	10.98	284	238253	36.96	ng		93
68) Atrazine	11.07	200	167224	36.79	ng		99
69) Pentachlorophenol	11.17	266	156903	40.23	ng		98
70) Phenanthrene	11.39	178	928880	34.14	ng		100
71) Anthracene	11.45	178	1125337	42.09	ng		99
72) Carbazole	11.60	167	870870	37.53	ng		99
73) Di-n-butylphthalate	11.94	149	1213095	42.16	ng		98
74) Fluoranthene	12.58	202	1058571	40.24	ng		97
76) Benzidine	12.69	184	486990	36.59	ng		99
77) Pyrene	12.81	202	1114980	39.33	ng		99
79) Butylbenzylphthalate	13.43	149	406913	34.99	ng		91
80) Benzo(a)anthracene	13.99	228	791379	36.00	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	274912	36.64	ng		97
82) Chrysene	14.02	228	714637	33.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	539135	38.20	ng	#	93
84) Di-n-octyl phthalate	14.60	149	958916	40.52	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	876485	45.52	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	790190m	37.59	ng		
88) Benzo(k)fluoranthene	15.04	252	593587m	34.31	ng		
89) Benzo(a)pyrene	15.36	252	676463	39.20	ng	#	97
90) Dibenzo(a,h)anthracene	16.82	278	716346	46.37	ng		99
91) Benzo(g,h,i)perylene	17.21	276	717402	47.19	ng		99

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

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