Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080705.D
Acq On : 30 Jul 2015 21:46
Operator : TP/UM
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:06 AM

Quant Time: Jul 31 01:31:53 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 01:18:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	176936	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	699287	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	333304	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	585482	20.00	ng	0.00
75) Chrysene-d12	14.00	240	351657	20.00	ng	0.00
86) Perylene-d12	15.41	264	346773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	781018	71.43	ng	0.00
7) Phenol-d6	6.49	99	1165182	94.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	1147213	83.45	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	282337	91.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1659621	64.21	ng	0.00
78) Terphenyl-d14	12.96	244	1609875	77.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	194668	40.75	ng	100
3) Pyridine	3.21	79	580884	47.29	ng	100
4) n-Nitrosodimethylamine	3.16	42	329737	42.60	ng	100
6) Aniline	6.52	93	804005	46.11	ng	100
8) 2-Chlorophenol	6.64	128	446018	40.32	ng	100
9) Benzaldehyde	6.41	77	344621	42.09	ng	100
10) Phenol	6.50	94	712914	50.36	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	422927	42.62	ng	100
12) 1,3-Dichlorobenzene	6.80	146	509969	38.38	ng	100
13) 1,4-Dichlorobenzene	6.88	146	533775	40.42	ng	100
14) 1,2-Dichlorobenzene	7.02	146	445894	36.29	ng	100
15) Benzyl Alcohol	7.00	79	494508	48.70	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	953308	49.84	ng	100
17) 2-Methylphenol	7.10	107	367719	46.28	ng	100
18) Hexachloroethane	7.37	117	190438	43.22	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	366621	49.51	ng	100
20) 3+4-Methylphenols	7.26	107	476926	44.41	ng	100
22) Acetophenone	7.26	105	597773	33.70	ng	100
24) Nitrobenzene	7.44	77	493669	36.88	ng	100
25) Isophorone	7.68	82	961952	44.32	ng	100
26) 2-Nitrophenol	7.76	139	246165m	44.11	ng	
27) 2,4-Dimethylphenol	7.79	122	400707m	37.98	ng	
28) bis(2-Chloroethoxy)methane	7.89	93	595705	46.12	ng	100
29) 2,4-Dichlorophenol	8.00	162	383166	42.64	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	407877	36.53	ng	100
31) Naphthalene	8.16	128	1246814	36.42	ng	100
32) Benzoic acid	7.90	122	294782m	52.54	ng	
33) 4-Chloroaniline	8.21	127	558512	43.96	ng	100
34) Hexachlorobutadiene	8.28	225	259761	37.08	ng	100
35) Caprolactam	8.58	113	115489	57.52	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	383319	42.03	ng	100
37) 2-Methylnaphthalene	8.85	142	861350	39.08	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	361341	30.31	ng	100
40) Hexachlorocyclopentadiene	9.01	237	244898	32.05	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	282747m	35.35	ng		
43) 2,4,5-Trichlorophenol	9.16	196	277407m	37.25	ng		
45) 1,1'-Biphenyl	9.32	154	923404	33.51	ng		100
46) 2-Chloronaphthalene	9.34	162	771802	33.59	ng		100
47) 2-Nitroaniline	9.44	65	320316	54.06	ng		100
48) Acenaphthylene	9.76	152	1297164	35.56	ng		100
49) Dimethylphthalate	9.62	163	874945	39.81	ng		100
50) 2,6-Dinitrotoluene	9.68	165	190638	43.00	ng		100
51) Acenaphthene	9.93	154	793320	36.58	ng		100
52) 3-Nitroaniline	9.85	138	223865	44.43	ng		100
53) 2,4-Dinitrophenol	9.94	184	96816	71.39	ng		100
54) Dibenzofuran	10.10	168	1045978	35.39	ng		100
55) 4-Nitrophenol	10.00	139	172555	49.09	ng		100
56) 2,4-Dinitrotoluene	10.08	165	255136	48.51	ng		100
57) Fluorene	10.44	166	778786	34.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	221860	43.33	ng		100
59) Diethylphthalate	10.32	149	833187	39.73	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	343323	34.77	ng		100
61) 4-Nitroaniline	10.45	138	196142	44.88	ng		100
62) Azobenzene	10.59	77	883737	42.72	ng		100
64) 4,6-Dinitro-2-methylphenol	10.48	198	132118	54.22	ng		100
65) n-Nitrosodiphenylamine	10.54	169	715247	35.94	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	245579	38.94	ng		100
67) Hexachlorobenzene	10.98	284	251438	34.32	ng		100
68) Atrazine	11.07	200	195677	48.12	ng		100
69) Pentachlorophenol	11.17	266	170553	53.89	ng		100
70) Phenanthrene	11.39	178	1082742	32.95	ng		100
71) Anthracene	11.45	178	1148809	35.50	ng		100
72) Carbazole	11.60	167	909771	33.78	ng		100
73) Di-n-butylphthalate	11.94	149	1255977	44.14	ng		100
74) Fluoranthene	12.58	202	1135908	42.16	ng		100
76) Benzidine	12.71	184	566707	52.94	ng		100
77) Pyrene	12.81	202	1195002	40.15	ng		100
79) Butylbenzylphthalate	13.43	149	449942	49.39	ng		100
80) Benzo(a)anthracene	13.99	228	862647	41.39	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	292740	51.40	ng		100
82) Chrysene	14.03	228	871200	41.78	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	592474	51.76	ng		100
84) Di-n-octyl phthalate	14.60	149	980002	66.16	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	715441	71.08	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	776704m	32.23	ng		
88) Benzo(k)fluoranthene	15.04	252	681245m	29.75	ng		
89) Benzo(a)pyrene	15.36	252	660881	35.01	ng		100
90) Dibenzo(a,h)anthracene	16.82	278	605226	45.20	ng		100
91) Benzo(g,h,i)perylene	17.21	276	591167	45.18	ng		100

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

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