Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080710.D
Acq On : 31 Jul 2015 00:23
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:27 AM

Quant Time: Jul 31 02:05:00 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	184847	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	720814	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	357565	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	620626	20.00	ng		0.00
75) Chrysene-d12	14.00	240	381169	20.00	ng		0.00
86) Perylene-d12	15.41	264	360798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	848393	78.74	ng		0.00
7) Phenol-d6	6.49	99	1189299	81.07	ng		0.00
23) Nitrobenzene-d5	7.42	82	1186224	79.69	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	304083	81.96	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1703812	71.09	ng		0.00
78) Terphenyl-d14	12.96	244	1634218	81.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	211641	39.83	ng		98
3) Pyridine	3.22	79	557916	37.84	ng		99
4) n-Nitrosodimethylamine	3.17	42	360306	42.75	ng		99
6) Aniline	6.52	93	842164	39.88	ng		98
8) 2-Chlorophenol	6.64	128	454906	37.66	ng		95
9) Benzaldehyde	6.41	77	360411	39.71	ng		100
10) Phenol	6.50	94	736379	43.38	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	448567	36.99	ng		99
12) 1,3-Dichlorobenzene	6.80	146	517127	38.46	ng		99
13) 1,4-Dichlorobenzene	6.88	146	562081	40.98	ng		99
14) 1,2-Dichlorobenzene	7.02	146	463881	37.00	ng		96
15) Benzyl Alcohol	7.00	79	510537	41.91	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1004176	38.76	ng		100
17) 2-Methylphenol	7.10	107	393626	39.70	ng		99
18) Hexachloroethane	7.37	117	200119	39.09	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	372878	37.75	ng		96
20) 3+4-Methylphenols	7.26	107	474106	38.76	ng		96
22) Acetophenone	7.26	105	665971	38.28	ng		96
24) Nitrobenzene	7.44	77	535019	35.88	ng		99
25) Isophorone	7.69	82	1040574	39.31	ng	#	94
26) 2-Nitrophenol	7.76	139	259710m	42.90	ng		
27) 2,4-Dimethylphenol	7.79	122	408443m	35.92	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	612419	39.05	ng		100
29) 2,4-Dichlorophenol	8.00	162	408425	40.40	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	419926	38.10	ng		98
31) Naphthalene	8.17	128	1358893	37.77	ng		98
32) Benzoic acid	7.90	122	325810m	40.90	ng		
33) 4-Chloroaniline	8.21	127	612189	40.32	ng		99
34) Hexachlorobutadiene	8.28	225	268704	37.76	ng		99
35) Caprolactam	8.59	113	127847	42.24	ng	#	79
36) 4-Chloro-3-methylphenol	8.69	107	437035	40.10	ng	#	79
37) 2-Methylnaphthalene	8.85	142	904310	40.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	388463	34.59	ng		99
40) Hexachlorocyclopentadiene	9.01	237	267631	38.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	298032m	38.15	ng		
43) 2,4,5-Trichlorophenol	9.16	196	298960m	38.59	ng		
45) 1,1'-Biphenyl	9.32	154	993644	36.24	ng		100
46) 2-Chloronaphthalene	9.34	162	832948	37.20	ng		99
47) 2-Nitroaniline	9.44	65	348068	39.95	ng		96
48) Acenaphthylene	9.76	152	1344157	37.75	ng		100
49) Dimethylphthalate	9.62	163	891268	35.37	ng		99
50) 2,6-Dinitrotoluene	9.68	165	189879	35.51	ng		90
51) Acenaphthene	9.93	154	822196	37.85	ng		99
52) 3-Nitroaniline	9.85	138	252791	40.97	ng	#	80
53) 2,4-Dinitrophenol	9.94	184	102891	36.12	ng	#	87
54) Dibenzofuran	10.10	168	1107509	38.12	ng		99
55) 4-Nitrophenol	10.00	139	191026	42.02	ng	#	76
56) 2,4-Dinitrotoluene	10.08	165	258093	36.80	ng		95
57) Fluorene	10.44	166	865799	38.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	231467	39.61	ng		97
59) Diethylphthalate	10.32	149	865162	35.62	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	360545	36.67	ng		98
61) 4-Nitroaniline	10.45	138	197068	35.37	ng		98
62) Azobenzene	10.59	77	1036996	39.41	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	148956	39.85	ng	#	33
65) n-Nitrosodiphenylamine	10.56	169	765157	37.61	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	267169	41.70	ng		99
67) Hexachlorobenzene	10.98	284	275454	37.19	ng		97
68) Atrazine	11.08	200	211876	42.88	ng		90
69) Pentachlorophenol	11.17	266	181981	40.60	ng		100
70) Phenanthrene	11.39	178	1110797	35.53	ng		100
71) Anthracene	11.45	178	1209348	39.36	ng		100
72) Carbazole	11.60	167	960260	36.01	ng		99
73) Di-n-butylphthalate	11.94	149	1324050	40.04	ng		100
74) Fluoranthene	12.58	202	1196169	39.57	ng		99
76) Benzidine	12.70	184	587720	42.35	ng		99
77) Pyrene	12.81	202	1229414	41.59	ng		99
79) Butylbenzylphthalate	13.42	149	462373	37.97	ng		93
80) Benzo(a)anthracene	13.99	228	912593	39.81	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	303465	38.78	ng		98
82) Chrysene	14.03	228	942266	42.35	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	605249	41.13	ng		99
84) Di-n-octyl phthalate	14.60	149	984004	39.87	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	740819	37.39	ng	#	86
87) Benzo(b)fluoranthene	15.01	252	815211	37.82	ng		98
88) Benzo(k)fluoranthene	15.04	252	717277m	40.44	ng		
89) Benzo(a)pyrene	15.36	252	689016	38.94	ng		99
90) Dibenzo(a,h)anthracene	16.82	278	618835	39.07	ng		99
91) Benzo(g,h,i)perylene	17.21	276	612963	39.33	ng		99

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

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