Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080708.D
Acq On : 30 Jul 2015 23:21
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:21 AM

Quant Time: Jul 31 01:59:23 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	205369	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	789184	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	361897	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	656364	20.00	ng		0.00
75) Chrysene-d12	14.01	240	409537	20.00	ng		0.01
86) Perylene-d12	15.41	264	398226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	971095	81.12	ng		0.00
7) Phenol-d6	6.49	99	1239101	76.03	ng		0.00
23) Nitrobenzene-d5	7.42	82	1246501	76.49	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	340818	90.76	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1823386	75.17	ng		0.00
78) Terphenyl-d14	12.96	244	1680317	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	229530	38.88	ng		99
3) Pyridine	3.21	79	658527	40.20	ng		98
4) n-Nitrosodimethylamine	3.16	42	392254	41.89	ng		99
6) Aniline	6.52	93	906520	38.64	ng		98
8) 2-Chlorophenol	6.64	128	501551	37.38	ng		94
9) Benzaldehyde	6.41	77	418953	42.06	ng		97
10) Phenol	6.50	94	725065	38.44	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	542394	40.26	ng	#	81
12) 1,3-Dichlorobenzene	6.80	146	563332	37.71	ng		98
13) 1,4-Dichlorobenzene	6.88	146	611872	40.15	ng		99
14) 1,2-Dichlorobenzene	7.02	146	493691	35.44	ng		96
15) Benzyl Alcohol	7.00	79	570839	42.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1114325	38.71	ng		100
17) 2-Methylphenol	7.10	107	453777	41.20	ng		99
18) Hexachloroethane	7.37	117	217192	38.19	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	403881	36.80	ng		98
20) 3+4-Methylphenols	7.26	107	498401	36.67	ng		92
22) Acetophenone	7.28	105	757142	39.75	ng	#	68
24) Nitrobenzene	7.44	77	608890	37.29	ng		99
25) Isophorone	7.69	82	1151459	39.73	ng	#	95
26) 2-Nitrophenol	7.76	139	273515m	41.27	ng		
27) 2,4-Dimethylphenol	7.79	122	448622m	36.03	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	635803	37.03	ng		99
29) 2,4-Dichlorophenol	8.00	162	435558	39.36	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	461648	38.25	ng	#	95
31) Naphthalene	8.17	128	1498415	38.04	ng		99
32) Benzoic acid	7.92	122	352459m	40.42	ng		
33) 4-Chloroaniline	8.21	127	651709	39.21	ng		98
34) Hexachlorobutadiene	8.28	225	296537	38.06	ng		99
35) Caprolactam	8.59	113	122155	36.86	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	485669	40.70	ng	#	87
37) 2-Methylnaphthalene	8.85	142	963131	38.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	410554	36.12	ng		98
40) Hexachlorocyclopentadiene	9.01	237	291289	41.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	309613m	39.16	ng		
43) 2,4,5-Trichlorophenol	9.16	196	304180m	38.79	ng		
45) 1,1'-Biphenyl	9.32	154	1097611	39.56	ng		98
46) 2-Chloronaphthalene	9.34	162	905227	39.94	ng		99
47) 2-Nitroaniline	9.44	65	389255	44.14	ng		91
48) Acenaphthylene	9.76	152	1451618	40.28	ng		99
49) Dimethylphthalate	9.62	163	889900	34.89	ng		100
50) 2,6-Dinitrotoluene	9.68	165	195218	36.07	ng		86
51) Acenaphthene	9.93	154	860338	39.13	ng		99
52) 3-Nitroaniline	9.85	138	273955	43.86	ng	#	72
53) 2,4-Dinitrophenol	9.95	184	113575	39.40	ng	#	43
54) Dibenzofuran	10.10	168	1177650	40.05	ng		99
55) 4-Nitrophenol	10.00	139	203524	44.23	ng	#	75
56) 2,4-Dinitrotoluene	10.08	165	265043	37.34	ng		93
57) Fluorene	10.44	166	922675	40.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	245191	41.46	ng		95
59) Diethylphthalate	10.32	149	937038	38.12	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	398279	40.17	ng		98
61) 4-Nitroaniline	10.45	138	214414	38.02	ng		97
62) Azobenzene	10.59	77	1094803	41.11	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	174169	44.06	ng	#	37
65) n-Nitrosodiphenylamine	10.56	169	844842	39.26	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	278832	41.15	ng		98
67) Hexachlorobenzene	10.98	284	288321	36.80	ng		98
68) Atrazine	11.08	200	255009	55.26	ng		90
69) Pentachlorophenol	11.17	266	192414	40.59	ng		99
70) Phenanthrene	11.40	178	1258682	38.06	ng		99
71) Anthracene	11.45	178	1248572	38.43	ng		100
72) Carbazole	11.60	167	995178	35.29	ng		99
73) Di-n-butylphthalate	11.94	149	1373848	39.29	ng		99
74) Fluoranthene	12.58	202	1253091	39.20	ng		99
76) Benzidine	12.71	184	639715	42.90	ng		100
77) Pyrene	12.81	202	1274584	40.13	ng		99
79) Butylbenzylphthalate	13.44	149	522905	39.88	ng	#	64
80) Benzo(a)anthracene	13.99	228	957599	38.88	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	365289	43.45	ng	#	93
82) Chrysene	14.03	228	1023854	42.82	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	664908	42.05	ng		98
84) Di-n-octyl phthalate	14.60	149	1134414	42.79	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	862214	40.29	ng	#	86
87) Benzo(b)fluoranthene	15.01	252	840955	35.35	ng		99
88) Benzo(k)fluoranthene	15.04	252	816715m	41.72	ng		
89) Benzo(a)pyrene	15.36	252	752290	38.52	ng		99
90) Dibenzo(a,h)anthracene	16.82	278	713549	40.82	ng		97
91) Benzo(g,h,i)perylene	17.22	276	726621	42.24	ng		96

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

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