Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092905.D
Acq On : 11 Feb 2017 1:23
Operator : SJ/MA
Sample : I1777-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Manual Integrations APPROVED
mohammad
2/13/2017 12:41:44 PM

Quant Time: Feb 11 02:29:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178735	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	742454	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	382143	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	592878	20.00	ng		0.00
75) Chrysene-d12	14.07	240	407132	20.00	ng		0.00
86) Perylene-d12	15.51	264	349143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1102876	105.86	ng		0.01
7) Phenol-d6	6.54	99	1556406	116.11	ng		0.01
23) Nitrobenzene-d5	7.47	82	964905	72.37	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	323570	117.07	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1592114	75.48	ng		0.00
78) Terphenyl-d14	13.01	244	1291241	74.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	169176	30.05	ng	#	85
3) Pyridine	3.30	79	454374	31.74	ng	#	82
4) n-Nitrosodimethylamine	3.26	42	252335	37.54	ng		86
6) Aniline	6.56	93	304618	16.66	ng	#	14
8) 2-Chlorophenol	6.68	128	440840	38.36	ng		94
9) Benzaldehyde	6.44	77	166105	17.30	ng		99
10) Phenol	6.56	94	699383	44.59	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	452640	36.16	ng		94
12) 1,3-Dichlorobenzene	6.84	146	498946	37.06	ng		98
13) 1,4-Dichlorobenzene	6.91	146	489258	35.91	ng		98
14) 1,2-Dichlorobenzene	7.07	146	508193	39.01	ng		96
15) Benzyl Alcohol	7.05	79	407648	41.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	843469	38.78	ng		95
17) 2-Methylphenol	7.16	107	379379	38.48	ng		96
18) Hexachloroethane	7.41	117	174230	37.46	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	340564	39.91	ng		99
20) 3+4-Methylphenols	7.32	107	465961	39.52	ng	#	87
22) Acetophenone	7.31	105	588019	34.69	ng	#	94
24) Nitrobenzene	7.48	77	493627	36.06	ng		98
25) Isophorone	7.72	82	908102	36.55	ng		96
26) 2-Nitrophenol	7.80	139	234819	36.08	ng		97
27) 2,4-Dimethylphenol	7.85	122	441177	38.60	ng		95
28) bis(2-Chloroethoxy)methane	7.94	93	600583	36.50	ng		100
29) 2,4-Dichlorophenol	8.05	162	406309	38.12	ng		100
30) 1,2,4-Trichlorobenzene	8.13	180	431547	37.57	ng		100
31) Naphthalene	8.21	128	1350949	35.89	ng		98
32) Benzoic acid	7.97	122	2793m	7.53	ng		
33) 4-Chloroaniline	8.26	127	198804	13.47	ng		99
34) Hexachlorobutadiene	8.33	225	227052	35.93	ng		99
35) Caprolactam	8.64	113	112114m	33.44	ng		
36) 4-Chloro-3-methylphenol	8.75	107	398655	35.87	ng		98
37) 2-Methylnaphthalene	8.90	142	845787	35.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	403453	37.61	ng		99
40) Hexachlorocyclopentadiene	9.05	237	259599	53.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	278095	39.45	ng		93
43) 2,4,5-Trichlorophenol	9.23	196	267566	34.65	ng	#	85
45) 1,1'-Biphenyl	9.37	154	1073012	38.78	ng		98
46) 2-Chloronaphthalene	9.39	162	802488	37.07	ng		97
47) 2-Nitroaniline	9.49	65	282684	38.84	ng	#	80
48) Acenaphthylene	9.80	152	1279987	34.23	ng		99
49) Dimethylphthalate	9.68	163	1136695	44.16	ng		100
50) 2,6-Dinitrotoluene	9.73	165	213835	38.47	ng	#	88
51) Acenaphthene	9.97	154	734645	32.86	ng		96
52) 3-Nitroaniline	9.90	138	162041	25.47	ng	#	79
53) 2,4-Dinitrophenol	10.01	184	33686	15.94	ng	#	72
54) Dibenzofuran	10.14	168	1067555	35.70	ng		97
55) 4-Nitrophenol	10.08	139	287417	62.73	ng		87
56) 2,4-Dinitrotoluene	10.13	165	249466	33.71	ng		97
57) Fluorene	10.49	166	751528	32.67	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	206459	40.07	ng		97
59) Diethylphthalate	10.36	149	912072	37.60	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	380234	34.40	ng	#	73
61) 4-Nitroaniline	10.51	138	205325	31.51	ng		94
62) Azobenzene	10.64	77	954038	38.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	66609	20.10	ng		84
65) n-Nitrosodiphenylamine	10.60	169	689467	36.40	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	221632	35.78	ng		95
67) Hexachlorobenzene	11.04	284	216897	35.43	ng	#	90
68) Atrazine	11.13	200	204994	33.73	ng		100
69) Pentachlorophenol	11.23	266	194355	63.17	ng		97
70) Phenanthrene	11.45	178	1194235	35.16	ng		98
71) Anthracene	11.50	178	1284021	37.64	ng		98
72) Carbazole	11.66	167	1081570	33.17	ng	#	96
73) Di-n-butylphthalate	11.98	149	1329271	37.70	ng	#	97
74) Fluoranthene	12.64	202	1194182	34.08	ng		98
76) Benzidine	12.76	184	271606	15.66	ng		95
77) Pyrene	12.86	202	1190718	39.08	ng		99
79) Butylbenzylphthalate	13.48	149	517763	41.85	ng		88
80) Benzo(a)anthracene	14.05	228	922241	37.04	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	214981	24.22	ng	#	95
82) Chrysene	14.09	228	714599	30.65	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	699911	41.36	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1092739	39.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	866297	47.97	ng		95
87) Benzo(b)fluoranthene	15.09	252	913463m	39.75	ng		
88) Benzo(k)fluoranthene	15.12	252	710640m	35.82	ng		
89) Benzo(a)pyrene	15.45	252	800614	40.28	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	672769	41.88	ng	#	95
91) Benzo(g,h,i)perylene	17.38	276	755821	46.57	ng	#	91

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

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