Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093747.D
Acq On : 18 Mar 2017 12:11
Operator : SJ/MA
Sample : I2263-06MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-102SMS

Manual Integrations APPROVED
mohammad
3/20/2017 1:00:47 PM

Quant Time: Mar 20 01:40:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204049	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	820719	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	385712	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	654461	20.00	ng		0.00
75) Chrysene-d12	14.00	240	436586	20.00	ng		0.00
86) Perylene-d12	15.41	264	442685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	759527	62.06	ng		0.00
7) Phenol-d6	6.47	99	623187	41.08	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1413139	103.34	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	408389	161.78	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1999411	97.82	ng		0.00
78) Terphenyl-d14	12.95	244	1680749	82.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	99266	15.71	ng		98
3) Pyridine	3.20	79	207374	12.00	ng		99
4) n-Nitrosodimethylamine	3.11	42	132909	17.57	ng		97
6) Aniline	6.50	93	557914	25.73	ng		96
8) 2-Chlorophenol	6.63	128	525367	38.61	ng		99
9) Benzaldehyde	6.39	77	357468	44.70	ng		95
10) Phenol	6.48	94	265340	14.96	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	668159	47.80	ng		95
12) 1,3-Dichlorobenzene	6.79	146	645161	42.79	ng		99
13) 1,4-Dichlorobenzene	6.87	146	651711	42.21	ng		99
14) 1,2-Dichlorobenzene	7.02	146	568686	39.39	ng		99
15) Benzyl Alcohol	6.98	79	335021	29.50	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	922711	41.87	ng		99
17) 2-Methylphenol	7.11	107	386114	32.78	ng		95
18) Hexachloroethane	7.36	117	221004	40.29	ng	#	74
19) n-Nitroso-di-n-propylamine	7.27	70	484532	48.11	ng		99
20) 3+4-Methylphenols	7.26	107	371549	26.60	ng	#	81
22) Acetophenone	7.26	105	824345	45.08	ng	#	95
24) Nitrobenzene	7.43	77	658864	44.57	ng		98
25) Isophorone	7.67	82	1289744	49.00	ng		98
26) 2-Nitrophenol	7.75	139	355876	63.58	ng		98
27) 2,4-Dimethylphenol	7.78	122	570525	44.54	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	821875	49.47	ng		100
29) 2,4-Dichlorophenol	7.99	162	536575	48.76	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	544713	47.49	ng		98
31) Naphthalene	8.16	128	1807277	45.16	ng		99
32) Benzoic acid	7.86	122	103813	15.91	ng		97
33) 4-Chloroaniline	8.20	127	591260	35.28	ng		99
34) Hexachlorobutadiene	8.29	225	267573	44.54	ng		99
35) Caprolactam	8.56	113	25655	6.95	ng	#	77
36) 4-Chloro-3-methylphenol	8.68	107	493030	42.55	ng	#	85
37) 2-Methylnaphthalene	8.85	142	1216616	46.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	477166	52.83	ng		99
40) Hexachlorocyclopentadiene	9.01	237	389864	86.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	359261	53.95	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	372691m	54.28	ng		
45) 1,1'-Biphenyl	9.32	154	1481311	54.77	ng		100
46) 2-Chloronaphthalene	9.34	162	1187955	54.74	ng		98
47) 2-Nitroaniline	9.42	65	343449	54.70	ng		99
48) Acenaphthylene	9.75	152	1824369	51.55	ng		99
49) Dimethylphthalate	9.61	163	1329890	52.79	ng		99
50) 2,6-Dinitrotoluene	9.67	165	326381	59.98	ng		89
51) Acenaphthene	9.92	154	1212126	58.12	ng		99
52) 3-Nitroaniline	9.83	138	266305	41.25	ng		98
53) 2,4-Dinitrophenol	9.94	184	290216	106.28	ng	#	54
54) Dibenzofuran	10.09	168	1562133	55.10	ng		98
55) 4-Nitrophenol	9.99	139	237593	48.78	ng		94
56) 2,4-Dinitrotoluene	10.07	165	418232	57.74	ng	#	80
57) Fluorene	10.44	166	1142667	49.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	283907	60.13	ng		97
59) Diethylphthalate	10.31	149	1325173	55.26	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	468926	48.40	ng		100
61) 4-Nitroaniline	10.45	138	311893	51.91	ng		91
62) Azobenzene	10.58	77	1421655	58.68	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	212712	59.84	ng	#	48
65) n-Nitrosodiphenylamine	10.55	169	1174936	53.18	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	311356	50.33	ng		97
67) Hexachlorobenzene	10.98	284	337405	52.18	ng	#	93
68) Atrazine	11.08	200	364348	57.27	ng		95
69) Pentachlorophenol	11.17	266	380695	102.76	ng		98
70) Phenanthrene	11.40	178	1754725	47.42	ng		99
71) Anthracene	11.44	178	1687752	46.62	ng		99
72) Carbazole	11.59	167	1586348	41.86	ng		100
73) Di-n-butylphthalate	11.93	149	1893455	48.87	ng		100
74) Fluoranthene	12.57	202	1753079	48.89	ng		100
76) Benzidine	12.69	184	668794	39.20	ng	#	94
77) Pyrene	12.80	202	1820525	49.03	ng		99
79) Butylbenzylphthalate	13.43	149	935993	59.34	ng		99
80) Benzo(a)anthracene	13.98	228	1411072	50.36	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	516922	52.59	ng	#	92
82) Chrysene	14.03	228	1402198	51.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	922239	53.18	ng		100
84) Di-n-octyl phthalate	14.60	149	1962402	61.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1240325	54.08	ng		99
87) Benzo(b)fluoranthene	15.01	252	1352174	48.19	ng		98
88) Benzo(k)fluoranthene	15.04	252	1321493m	53.29	ng		
89) Benzo(a)pyrene	15.35	252	1216314	49.04	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1039297	49.53	ng		97
91) Benzo(g,h,i)perylene	17.20	276	1044778	48.96	ng		97

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

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