Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093043.D
Acq On : 20 Feb 2017 22:04
Operator : SJ/MA
Sample : I1878-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-2MS

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:36 PM

Quant Time: Feb 21 10:33:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153029m	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	590750	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	294189	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	508982	20.00	ng		0.00
75) Chrysene-d12	14.01	240	397047	20.00	ng		-0.01
86) Perylene-d12	15.44	264	291861	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1120778	125.65	ng		0.01
7) Phenol-d6	6.50	99	1334357	116.27	ng		0.01
23) Nitrobenzene-d5	7.42	82	1012011	95.40	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	293070	137.74	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1750522	107.80	ng		0.00
78) Terphenyl-d14	12.96	244	1353203	80.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	155164	32.19	ng	#	74
3) Pyridine	3.28	79	241753	19.73	ng		88
4) n-Nitrosodimethylamine	3.20	42	219655	38.17	ng		92
6) Aniline	6.51	93	148108m	9.46	ng		
8) 2-Chlorophenol	6.64	128	444789	45.20	ng		97
10) Phenol	6.51	94	444387m	33.10	ng		
11) bis(2-Chloroethyl)ether	6.59	93	468290	43.69	ng		99
12) 1,3-Dichlorobenzene	6.78	146	457996m	39.74	ng		
13) 1,4-Dichlorobenzene	6.86	146	484809	41.56	ng		96
14) 1,2-Dichlorobenzene	7.02	146	430413	38.59	ng	#	93
15) Benzyl Alcohol	7.00	79	368743	43.40	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	763425	41.00	ng		98
17) 2-Methylphenol	7.12	107	369016	43.71	ng		96
18) Hexachloroethane	7.36	117	160276	40.25	ng		89
19) n-Nitroso-di-n-propylamine	7.28	70	322952m	44.20	ng		
20) 3+4-Methylphenols	7.28	107	442499	43.84	ng	#	80
22) Acetophenone	7.26	105	587537	43.56	ng	#	95
24) Nitrobenzene	7.44	77	457697	42.02	ng		100
25) Isophorone	7.68	82	894921	45.27	ng		96
26) 2-Nitrophenol	7.76	139	251700	48.61	ng		94
27) 2,4-Dimethylphenol	7.80	122	440406	48.43	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	617266	47.15	ng		99
29) 2,4-Dichlorophenol	8.01	162	390860	46.09	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	389317	42.60	ng		94
31) Naphthalene	8.16	128	1290355	43.09	ng		99
32) Benzoic acid	7.93	122	250464	48.52	ng		96
33) 4-Chloroaniline	8.21	127	65299	5.56	ng		98
34) Hexachlorobutadiene	8.27	225	205770	40.92	ng		99
35) Caprolactam	8.59	113	92316m	34.60	ng		
36) 4-Chloro-3-methylphenol	8.70	107	409149	46.27	ng		98
37) 2-Methylnaphthalene	8.85	142	915712	47.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	359915	43.58	ng		100
40) Hexachlorocyclopentadiene	9.00	237	301316	80.87	ng		95
42) 2,4,6-Trichlorophenol	9.14	196	275107	50.70	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	295037	49.62	ng	#	87
45) 1,1'-Biphenyl	9.31	154	1026173	48.17	ng		96
46) 2-Chloronaphthalene	9.34	162	848479	50.92	ng		98
47) 2-Nitroaniline	9.44	65	259202	46.26	ng		90
48) Acenaphthylene	9.76	152	1328188	46.14	ng		99
49) Dimethylphthalate	9.62	163	919678	46.41	ng		99
50) 2,6-Dinitrotoluene	9.69	165	240064	56.10	ng	#	85
51) Acenaphthene	9.93	154	817213	47.48	ng		96
52) 3-Nitroaniline	9.85	138	43500	8.88	ng		97
53) 2,4-Dinitrophenol	9.96	184	233519	105.65	ng	#	64
54) Dibenzofuran	10.10	168	1120923	48.69	ng		96
55) 4-Nitrophenol	10.03	139	312061	88.47	ng		81
56) 2,4-Dinitrotoluene	10.09	165	258241	45.33	ng		96
57) Fluorene	10.44	166	904426	51.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	219732	55.40	ng		94
59) Diethylphthalate	10.32	149	888372	47.57	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	375817	44.17	ng		91
61) 4-Nitroaniline	10.46	138	185363	36.95	ng		92
62) Azobenzene	10.59	77	1028590	53.31	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	167979	53.87	ng		85
65) n-Nitrosodiphenylamine	10.56	169	808670	49.74	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	255302	48.01	ng	#	89
67) Hexachlorobenzene	10.99	284	249873	47.55	ng	#	93
68) Atrazine	11.08	200	205994	39.48	ng		98
69) Pentachlorophenol	11.18	266	264442	95.91	ng		97
70) Phenanthrene	11.40	178	1342470	46.04	ng		98
71) Anthracene	11.45	178	1228227	41.94	ng		99
72) Carbazole	11.61	167	1136914	40.61	ng		99
73) Di-n-butylphthalate	11.94	149	1553296	51.31	ng	#	96
74) Fluoranthene	12.58	202	1294899	43.05	ng		96
77) Pyrene	12.81	202	1249174	42.04	ng		100
79) Butylbenzylphthalate	13.43	149	569411	47.19	ng		97
80) Benzo(a)anthracene	14.00	228	965062	39.74	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	87635	10.12	ng	#	96
82) Chrysene	14.03	228	899842	39.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	773100	46.85	ng		98
84) Di-n-octyl phthalate	14.59	149	1311155	48.79	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	821974	46.67	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	795461m	41.41	ng		
88) Benzo(k)fluoranthene	15.06	252	824673m	49.72	ng		
89) Benzo(a)pyrene	15.38	252	768044	46.22	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	688947	51.30	ng		98
91) Benzo(g,h,i)perylene	17.27	276	722656	53.26	ng	#	93

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

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