Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094009.D
Acq On : 28 Mar 2017 22:54
Operator : SJ/MA
Sample : I2421-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HHD-GW1MS

Manual Integrations APPROVED
mohammad
3/29/2017 1:56:59 PM

Quant Time: Mar 29 04:04:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	156276	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	650906	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	302602	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	521479	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	353468	20.00	ng		-0.03
86) Perylene-d12	16.28	264	265406	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1146172	123.88	ng		0.00
7) Phenol-d6	5.54	99	1421906	124.22	ng		-0.01
23) Nitrobenzene-d5	6.58	82	988655	86.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	346819	145.04	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1841018	92.80	ng		-0.02
78) Terphenyl-d14	13.38	244	1451946	92.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	176546	39.72	ng		97
3) Pyridine	2.82	79	382453	31.57	ng		98
4) n-Nitrosodimethylamine	2.79	42	216816	43.49	ng		92
6) Aniline	5.55	93	212432	13.34	ng	#	1
8) 2-Chlorophenol	5.70	128	485238	47.71	ng		95
9) Benzaldehyde	5.42	77	89898	11.63	ng		99
10) Phenol	5.55	94	527086	40.47	ng		98
11) bis(2-Chloroethyl)ether	5.64	93	555979	54.62	ng		94
12) 1,3-Dichlorobenzene	5.86	146	527089	46.20	ng		98
13) 1,4-Dichlorobenzene	5.95	146	530277	45.89	ng		98
14) 1,2-Dichlorobenzene	6.13	146	493213	46.35	ng		95
15) Benzyl Alcohol	6.10	79	411036	49.06	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	663744	42.32	ng		97
17) 2-Methylphenol	6.24	107	407444	46.78	ng		98
18) Hexachloroethane	6.52	117	187432	46.15	ng	#	87
19) n-Nitroso-di-n-propylamine	6.42	70	347463	47.23	ng		98
20) 3+4-Methylphenols	6.42	107	508084	48.17	ng	#	64
22) Acetophenone	6.40	105	703773	48.51	ng	#	88
24) Nitrobenzene	6.60	77	517560	46.01	ng		95
25) Isophorone	6.89	82	949195	47.36	ng		95
26) 2-Nitrophenol	6.98	139	273154	50.92	ng		99
27) 2,4-Dimethylphenol	7.05	122	463357	50.13	ng		99
28) bis(2-Chloroethoxy)methane	7.15	93	615558	46.58	ng		99
29) 2,4-Dichlorophenol	7.27	162	438035	50.68	ng		99
30) 1,2,4-Trichlorobenzene	7.37	180	425614	47.81	ng		99
31) Naphthalene	7.46	128	1441617	46.06	ng		99
32) Benzoic acid	7.19	122	218112	35.45	ng		99
33) 4-Chloroaniline	7.53	127	153866	12.13	ng	#	94
34) Hexachlorobutadiene	7.62	225	214189	46.92	ng		98
35) Caprolactam	7.98	113	122371m	44.40	ng		
36) 4-Chloro-3-methylphenol	8.15	107	467155	51.73	ng		90
37) 2-Methylnaphthalene	8.30	142	1018300	48.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	370480	44.75	ng		99
40) Hexachlorocyclopentadiene	8.50	237	358183	92.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298383	50.95	ng		95
43) 2,4,5-Trichlorophenol	8.71	196	301245	47.54	ng		97
45) 1,1'-Biphenyl	8.88	154	1145048	46.91	ng		98
46) 2-Chloronaphthalene	8.90	162	904643	47.35	ng		94
47) 2-Nitroaniline	9.03	65	273366	48.23	ng	#	82
48) Acenaphthylene	9.40	152	1415669	44.58	ng		100
49) Dimethylphthalate	9.27	163	1088352	50.60	ng		100
50) 2,6-Dinitrotoluene	9.33	165	250717	50.85	ng		94
51) Acenaphthene	9.62	154	851041	45.93	ng		99
52) 3-Nitroaniline	9.53	138	117975	20.38	ng		94
53) 2,4-Dinitrophenol	9.67	184	226632	85.55	ng	#	69
54) Dibenzofuran	9.83	168	1229396	48.74	ng		100
55) 4-Nitrophenol	9.77	139	340459	75.08	ng	#	69
56) 2,4-Dinitrotoluene	9.83	165	297449	48.02	ng	#	70
57) Fluorene	10.25	166	907545	43.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	229117	52.69	ng		98
59) Diethylphthalate	10.14	149	1068499	50.26	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	395620	44.40	ng		94
61) 4-Nitroaniline	10.29	138	241040	43.38	ng		94
62) Azobenzene	10.46	77	1016008	50.52	ng		94
64) 4,6-Dinitro-2-methylphenol	10.33	198	155079	48.56	ng	#	75
65) n-Nitrosodiphenylamine	10.41	169	889967	49.35	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	257893	50.28	ng		99
67) Hexachlorobenzene	10.93	284	263207	50.70	ng	#	86
68) Atrazine	11.08	200	241218	44.66	ng		95
69) Pentachlorophenol	11.17	266	271853	84.13	ng		99
70) Phenanthrene	11.43	178	1357789	46.81	ng		99
71) Anthracene	11.50	178	1407524	47.12	ng		99
72) Carbazole	11.70	167	1281807	41.85	ng		98
73) Di-n-butylphthalate	12.15	149	1617221	50.77	ng		99
74) Fluoranthene	12.89	202	1334339	44.92	ng		99
76) Benzidine	13.06	184	187115	13.38	ng	#	92
77) Pyrene	13.17	202	1340144	52.24	ng		99
79) Butylbenzylphthalate	13.99	149	645290	59.04	ng	#	86
80) Benzo(a)anthracene	14.64	228	998694	48.45	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	209163	28.39	ng		96
82) Chrysene	14.69	228	856163	44.76	ng		99
83) Bis(2-ethylhexyl)phthalate	14.70	149	896440	60.12	ng		100
84) Di-n-octyl phthalate	15.45	149	1455470	58.43	ng		97
85) Indeno(1,2,3-cd)pyrene	17.64	276	785856	47.44	ng		100
87) Benzo(b)fluoranthene	15.87	252	808471	49.70	ng		100
88) Benzo(k)fluoranthene	15.90	252	746486	46.90	ng	#	95
89) Benzo(a)pyrene	16.22	252	748557	49.97	ng		98
90) Dibenzo(a,h)anthracene	17.67	278	648217	51.09	ng		98
91) Benzo(g,h,i)perylene	18.04	276	631603	49.40	ng		98

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

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