Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096106.D
Acq On : 22 Jun 2017 4:47
Operator : SJ/MA
Sample : I3759-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Manual Integrations APPROVED

Quant Time: Jun 22 16:55:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.29	152	75203	20.00	ng		0.00	
21) Naphthalene-d8	9.32	136	330911	20.00	ng		0.00	
38) Acenaphthene-d10	12.14	164	119614	20.00	ng		0.00	
63) Phenanthrene-d10	14.54	188	209045	20.00	ng		0.00	
75) Chrysene-d12	18.27	240	134714	20.00	ng		0.00	
86) Perylene-d12	19.94	264	94988	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.22	112	662446	140.36	ng		0.04	
7) Phenol-d6	6.88	99	726569	128.60	ng		0.00	
23) Nitrobenzene-d5	8.22	82	448837	84.24	ng		0.00	6/22/2017 6:02:55 PM
41) 2,4,6-Tribromophenol	13.44	330	143404	135.50	ng		0.00	
44) 2-Fluorobiphenyl	11.10	172	800845	93.17	ng		0.00	
78) Terphenyl-d14	16.92	244	642010	118.27	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	1.77	88	91481m	40.75	ng			
3) Pyridine	2.31	79	126595	23.99	ng		94	
4) n-Nitrosodimethylamine	2.23	42	91905	45.81	ng		82	
6) Aniline	6.82	93	62560	8.46	ng		97	
8) 2-Chlorophenol	6.99	128	228269	45.49	ng		97	
9) Benzaldehyde	6.62	77	79842	20.95	ng		97	
10) Phenol	6.90	94	245485	41.88	ng		94	
11) bis(2-Chloroethyl)ether	6.94	93	213846	46.06	ng		97	
12) 1,3-Dichlorobenzene	7.19	146	239631	42.19	ng		99	
13) 1,4-Dichlorobenzene	7.32	146	243853	42.34	ng		96	
14) 1,2-Dichlorobenzene	7.55	146	228681	43.07	ng		97	
15) Benzyl Alcohol	7.61	79	168377	43.42	ng		96	
16) 2,2'-oxybis(1-Chloropropan	7.79	45	297848	45.66	ng		97	
17) 2-Methylphenol	7.85	107	190440	45.22	ng		95	
18) Hexachloroethane	8.06	117	65183	34.26	ng	#	86	
19) n-Nitroso-di-n-propylamine	8.03	70	164995	46.08	ng		93	
20) 3+4-Methylphenols	8.13	107	254359	47.58	ng	#	59	
22) Acetophenone	7.99	105	330270	42.64	ng	#	84	
24) Nitrobenzene	8.25	77	231312	40.64	ng		95	
25) Isophorone	8.65	82	410433	41.25	ng		97	
26) 2-Nitrophenol	8.76	139	94494	31.70	ng		97	
27) 2,4-Dimethylphenol	8.92	122	204374	44.19	ng		97	
28) bis(2-Chloroethoxy)methane	9.03	93	274427	41.85	ng		99	
29) 2,4-Dichlorophenol	9.21	162	193046	43.34	ng		99	
30) 1,2,4-Trichlorobenzene	9.26	180	201350	43.44	ng		98	
31) Naphthalene	9.36	128	733236	44.15	ng		99	
32) Benzoic acid	9.28	122	44990	19.02	ng		97	
33) 4-Chloroaniline	9.56	127	51598m	7.95	ng			
34) Hexachlorobutadiene	9.57	225	98330	41.06	ng		98	
35) Caprolactam	10.16	113	45676	34.46	ng		90	
36) 4-Chloro-3-methylphenol	10.41	107	200309	42.96	ng		89	
37) 2-Methylnaphthalene	10.49	142	480236	42.80	ng		98	
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	181707	50.76	ng		98	
40) Hexachlorocyclopentadiene	10.73	237	1237	12.19	ng		76	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	11.01	196	105479	45.83	ng		97	
43) 2,4,5-Trichlorophenol	11.12	196	102857	42.01	ng		95	
45) 1,1'-Biphenyl	11.25	154	464204	47.09	ng		97	
46) 2-Chloronaphthalene	11.27	162	349364	45.36	ng		95	
47) 2-Nitroaniline	11.50	65	107749	47.80	ng	#	86	
48) Acenaphthylene	11.92	152	532939	40.46	ng		98	mohammad
49) Dimethylphthalate	11.81	163	434230	47.81	ng		99	
50) 2,6-Dinitrotoluene	11.91	165	74782	37.75	ng	#	68	
51) Acenaphthene	12.20	154	327419	43.04	ng		98	
52) 3-Nitroaniline	12.18	138	70260	30.44	ng		91	
54) Dibenzofuran	12.49	168	535421	50.01	ng		99	6/22/2017 6:02:55 PM
55) 4-Nitrophenol	12.64	139	83680	63.13	ng	#	80	
56) 2,4-Dinitrotoluene	12.59	165	108008	40.37	ng	#	90	
57) Fluorene	13.04	166	424326	45.54	ng		97	
58) 2,3,4,6-Tetrachlorophenol	12.75	232	77338	46.17	ng	#	91	
59) Diethylphthalate	12.95	149	427744	48.94	ng		99	
60) 4-Chlorophenyl-phenylether	13.07	204	178774	44.12	ng		90	
61) 4-Nitroaniline	13.18	138	103428	48.00	ng		96	
62) Azobenzene	13.32	77	374316	47.25	ng		95	
65) n-Nitrosodiphenylamine	13.28	169	304772	40.57	ng		99	
66) 4-Bromophenyl-phenylether	13.84	248	98051	45.13	ng		98	
67) Hexachlorobenzene	13.93	284	99058	46.27	ng	#	86	
68) Atrazine	14.20	200	78596	37.60	ng		97	
69) Pentachlorophenol	14.31	266	39919	51.72	ng		91	
70) Phenanthrene	14.57	178	537857	44.59	ng		99	
71) Anthracene	14.66	178	565322	44.89	ng		98	
72) Carbazole	14.97	167	458429	37.36	ng		96	
73) Di-n-butylphthalate	15.56	149	664808	50.92	ng		98	
74) Fluoranthene	16.36	202	501920	42.04	ng		98	
76) Benzidine	16.61	184	81660	15.78	ng	#	94	
77) Pyrene	16.67	202	570508	56.76	ng		99	
79) Butylbenzylphthalate	17.59	149	268603	61.19	ng	#	85	
80) Benzo(a)anthracene	18.26	228	364030	46.48	ng		99	
81) 3,3'-Dichlorobenzidine	18.25	252	42781	15.36	ng	#	93	
82) Chrysene	18.30	228	358409	45.79	ng		98	
83) Bis(2-ethylhexyl)phthalate	18.34	149	324494	52.40	ng	#	98	
84) Di-n-octyl phthalate	19.11	149	514716	50.44	ng		97	
85) Indeno(1,2,3-cd)pyrene	21.10	276	250875	37.46	ng		99	
87) Benzo(b)fluoranthene	19.54	252	275478	46.32	ng		99	
88) Benzo(k)fluoranthene	19.56	252	274137	48.22	ng		96	
89) Benzo(a)pyrene	19.89	252	254688	46.59	ng		97	
90) Dibenzo(a,h)anthracene	21.10	278	212687	45.86	ng		96	
91) Benzo(g,h,i)perylene	21.43	276	210687	44.56	ng		97	

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

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