Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109766.D
Acq On : 11 Oct 2018 2:57
Operator : JU/SJ
Sample : J5326-04MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FL-PIT-1MS

Manual Integrations APPROVED
Sohil
10/11/2018 2:03:03 PM

Quant Time: Oct 11 07:18:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94308	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	368105	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	170282	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	285097	20.00	ng		0.00
75) Chrysene-d12	13.83	240	208125	20.00	ng		0.00
86) Perylene-d12	15.23	264	202203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	533007	100.32	ng		0.01
7) Phenol-d6	6.36	99	646631	91.11	ng		0.00
23) Nitrobenzene-d5	7.26	82	511489	76.60	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	190429	102.63	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	921074	74.50	ng		0.00
78) Terphenyl-d14	12.78	244	756500	70.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	78816	28.266	ng	#	82
3) Pyridine	3.23	79	146175	25.410	ng		99
4) n-Nitrosodimethylamine	3.14	42	97185	46.804	ng		94
6) Aniline	6.37	93	94428	11.421	ng	#	1
8) 2-Chlorophenol	6.49	128	264137	40.423	ng		99
9) Benzaldehyde	6.25	77	105544	23.109	ng		99
10) Phenol	6.37	94	257509	31.640	ng	#	75
11) bis(2-Chloroethyl)ether	6.44	93	260336	38.583	ng		98
12) 1,3-Dichlorobenzene	6.64	146	283132	37.884	ng		98
13) 1,4-Dichlorobenzene	6.72	146	308025	37.810	ng		97
14) 1,2-Dichlorobenzene	6.87	146	272353	38.067	ng		100
15) Benzyl Alcohol	6.85	79	218516	41.529	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	349996	39.119	ng		82
17) 2-Methylphenol	6.97	107	199363	38.582	ng		96
18) Hexachloroethane	7.20	117	108720	37.756	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	197688	39.717	ng		98
20) 3+4-Methylphenols	7.13	107	246452	38.706	ng		99
22) Acetophenone	7.11	105	398425	44.759	ng	#	99
24) Nitrobenzene	7.28	77	288040	41.453	ng		99
25) Isophorone	7.52	82	534179	48.172	ng		99
26) 2-Nitrophenol	7.60	139	134423	41.358	ng		98
27) 2,4-Dimethylphenol	7.65	122	223478	47.614	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	327737	43.695	ng		99
29) 2,4-Dichlorophenol	7.85	162	230870	43.854	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	242559	41.620	ng		98
31) Naphthalene	8.00	128	833033	48.933	ng		99
32) Benzoic acid	7.80	122	112708m	33.587	ng		
33) 4-Chloroaniline	8.06	127	55483	7.401	ng		95
34) Hexachlorobutadiene	8.12	225	147844	40.801	ng		99
35) Caprolactam	8.43	113	55325m	35.189	ng		
36) 4-Chloro-3-methylphenol	8.56	107	243277	43.777	ng		96
37) 2-Methylnaphthalene	8.69	142	528760	47.417	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	246991	42.611	ng		100
40) Hexachlorocyclopentadiene	8.85	237	102907	44.098	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	148041	42.724	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	170199	42.719	ng		98
45) 1,1'-Biphenyl	9.15	154	642047	42.206	ng		99
46) 2-Chloronaphthalene	9.17	162	486618	42.698	ng		99
47) 2-Nitroaniline	9.28	65	155500	45.061	ng		97
48) Acenaphthylene	9.59	152	758326	45.641	ng		100
49) Dimethylphthalate	9.46	163	589325	47.189	ng		100
50) 2,6-Dinitrotoluene	9.52	165	122574	45.279	ng		97
51) Acenaphthene	9.76	154	421572	42.802	ng		99
52) 3-Nitroaniline	9.69	138	50272	16.566	ng		96
53) 2,4-Dinitrophenol	9.80	184	51767	59.270	ng		98
54) Dibenzofuran	9.93	168	636159	43.089	ng		100
55) 4-Nitrophenol	9.87	139	112227	67.565	ng	#	86
56) 2,4-Dinitrotoluene	9.93	165	149273	44.185	ng		93
57) Fluorene	10.27	166	500803	45.422	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	142706	44.063	ng		96
59) Diethylphthalate	10.15	149	577058	46.635	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	242591	41.707	ng		98
61) 4-Nitroaniline	10.31	138	104565	37.208	ng		99
62) Azobenzene	10.43	77	553432	44.044	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	40619	29.272	ng		92
65) n-Nitrosodiphenylamine	10.39	169	465302	48.144	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	151181	46.151	ng		92
67) Hexachlorobenzene	10.82	284	155849	43.936	ng		94
68) Atrazine	10.92	200	148551	49.251	ng		99
69) Pentachlorophenol	11.02	266	139490	69.884	ng		99
70) Phenanthrene	11.23	178	670856	47.020	ng		99
71) Anthracene	11.28	178	722375	48.980	ng		100
72) Carbazole	11.44	167	606555	42.404	ng		100
73) Di-n-butylphthalate	11.77	149	800201	48.232	ng		99
74) Fluoranthene	12.41	202	650457	43.640	ng		99
76) Benzidine	12.54	184	194762	25.191	ng	#	95
77) Pyrene	12.64	202	628705	41.230	ng		99
79) Butylbenzylphthalate	13.26	149	299271	45.268	ng		97
80) Benzo(a)anthracene	13.82	228	532604	46.373	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	147499	31.895	ng		99
82) Chrysene	13.86	228	572185	47.430	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	387571	48.051	ng		98
84) Di-n-octyl phthalate	14.42	149	688913	54.036	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	451210	52.254	ng		99
87) Benzo(b)fluoranthene	14.84	252	520892	46.616	ng		98
88) Benzo(k)fluoranthene	14.86	252	531467	47.337	ng		99
89) Benzo(a)pyrene	15.17	252	491129	48.434	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	381676	45.831	ng		99
91) Benzo(g,h,i)perylene	16.98	276	358814	43.147	ng		99

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

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