Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109791.D
Acq On : 11 Oct 2018 17:15
Operator : JU/SJ
Sample : J5394-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-AMS

Quant Time: Oct 11 17:47:35 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	84162	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	337881	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	156944	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	264881	20.00	ng		0.00
75) Chrysene-d12	13.83	240	182935	20.00	ng		0.00
86) Perylene-d12	15.23	264	219775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	515111	108.64	ng		0.00
7) Phenol-d6	6.35	99	682388	107.73	ng		0.00
23) Nitrobenzene-d5	7.26	82	470052	76.69	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	163785	95.78	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	789624	69.29	ng		0.00
78) Terphenyl-d14	12.78	244	576360	60.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	60913	24.479	ng		99
3) Pyridine	3.13	79	138249	26.929	ng		97
4) n-Nitrosodimethylamine	3.06	42	64210	34.651	ng	#	93
6) Aniline	6.36	93	139891	18.959	ng	#	25
8) 2-Chlorophenol	6.49	128	194525	33.359	ng		99
9) Benzaldehyde	6.25	77	84667	20.772	ng		95
10) Phenol	6.36	94	231591	31.886	ng	#	78
11) bis(2-Chloroethyl)ether	6.43	93	161893	26.886	ng		99
12) 1,3-Dichlorobenzene	6.63	146	199720	29.945	ng		97
13) 1,4-Dichlorobenzene	6.71	146	226019	31.088	ng		99
14) 1,2-Dichlorobenzene	6.86	146	204279	31.994	ng		99
15) Benzyl Alcohol	6.85	79	153074	32.599	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	250550	31.380	ng		99
17) 2-Methylphenol	6.96	107	149306	32.378	ng		93
18) Hexachloroethane	7.20	117	80268	31.235	ng		98
19) n-Nitroso-di-n-propylamine	7.11	70	140352	31.597	ng		98
20) 3+4-Methylphenols	7.12	107	179037	31.508	ng		93
22) Acetophenone	7.11	105	282665	34.595	ng	#	97
24) Nitrobenzene	7.28	77	206498	32.376	ng		99
25) Isophorone	7.52	82	379377	37.273	ng		99
26) 2-Nitrophenol	7.60	139	97813	32.786	ng		96
27) 2,4-Dimethylphenol	7.65	122	168426	39.095	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	236646	34.372	ng		99
29) 2,4-Dichlorophenol	7.85	162	163054	33.743	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	172436	32.235	ng		99
31) Naphthalene	8.00	128	574358	36.756	ng		99
32) Benzoic acid	7.65	122	168426	54.681	ng	#	11
33) 4-Chloroaniline	8.06	127	92237	13.404	ng		97
34) Hexachlorobutadiene	8.12	225	104726	31.487	ng		99
35) Caprolactam	8.41	113	42303	29.313	ng		96
36) 4-Chloro-3-methylphenol	8.55	107	169551	33.239	ng		96
37) 2-Methylnaphthalene	8.69	142	369608	36.110	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	174692	32.699	ng		99
40) Hexachlorocyclopentadiene	8.84	237	110990	50.378	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	100012	31.316	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	119736	32.607	ng		98
45) 1,1'-Biphenyl	9.15	154	454522	32.418	ng		99
46) 2-Chloronaphthalene	9.17	162	342901	32.644	ng		99
47) 2-Nitroaniline	9.27	65	107307	33.738	ng		99
48) Acenaphthylene	9.59	152	540304	35.283	ng		99
49) Dimethylphthalate	9.45	163	498553	43.313	ng		100
50) 2,6-Dinitrotoluene	9.52	165	83723	33.555	ng		95
51) Acenaphthene	9.76	154	315003	34.700	ng		98
52) 3-Nitroaniline	9.69	138	70045	25.044	ng		95
53) 2,4-Dinitrophenol	9.83	184	2117	2.630	ng	#	1
54) Dibenzofuran	9.93	168	452251	33.235	ng		99
55) 4-Nitrophenol	9.87	139	68892	45.001	ng		95
56) 2,4-Dinitrotoluene	9.92	165	105144	33.768	ng		94
57) Fluorene	10.27	166	358821	35.311	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	91620	30.694	ng		95
59) Diethylphthalate	10.15	149	391901	34.363	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	171323	31.957	ng		99
61) 4-Nitroaniline	10.30	138	76900	29.689	ng		99
62) Azobenzene	10.42	77	386336	33.359	ng		100
64) 4,6-Dinitro-2-methylphenol	10.33	198	19769	15.334	ng		85
65) n-Nitrosodiphenylamine	10.39	169	327252	36.444	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	105392	34.628	ng		97
67) Hexachlorobenzene	10.82	284	105766	32.092	ng		100
68) Atrazine	10.91	200	98675	35.212	ng		100
69) Pentachlorophenol	11.02	266	70024	37.759	ng		100
70) Phenanthrene	11.23	178	508561	38.366	ng		100
71) Anthracene	11.28	178	518103	37.810	ng		99
72) Carbazole	11.44	167	409813	30.836	ng		99
73) Di-n-butylphthalate	11.77	149	535225	34.723	ng		98
74) Fluoranthene	12.41	202	471551	34.052	ng		97
76) Benzidine	12.54	184	178515	26.269	ng		97
77) Pyrene	12.63	202	451064	33.654	ng		98
79) Butylbenzylphthalate	13.25	149	179806	30.943	ng		98
80) Benzo(a)anthracene	13.82	228	373209	36.969	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	96798	23.813	ng		99
82) Chrysene	13.86	228	379040	35.746	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	245365	34.609	ng		98
84) Di-n-octyl phthalate	14.42	149	457432	40.820	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	431616	56.868	ng		98
87) Benzo(b)fluoranthene	14.83	252	431540	35.532	ng		100
88) Benzo(k)fluoranthene	14.86	252	370945	30.398	ng		98
89) Benzo(a)pyrene	15.17	252	404861	36.734	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	347089	38.345	ng		99
91) Benzo(g,h,i)perylene	16.99	276	323522	35.792	ng		98

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

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