Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109767.D
Acq On : 11 Oct 2018 3:25
Operator : JU/SJ
Sample : J5326-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

Manual Integrations APPROVED
Sohil
10/11/2018 2:03:05 PM

Quant Time: Oct 11 07:20:13 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	87303	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	340626	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	156633	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	264013	20.00	ng		0.00
75) Chrysene-d12	13.83	240	194670	20.00	ng		0.00
86) Perylene-d12	15.23	264	187562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	487368	99.09	ng		0.01
7) Phenol-d6	6.36	99	582076	88.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	485178	78.52	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	178535	104.61	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	888766	78.15	ng		0.00
78) Terphenyl-d14	12.78	244	721836	71.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	77005	29.832	ng	#	82
3) Pyridine	3.22	79	139864	26.263	ng		98
4) n-Nitrosodimethylamine	3.13	42	90532	47.098	ng		91
6) Aniline	6.37	93	110653	14.457	ng	#	1
8) 2-Chlorophenol	6.49	128	262019	43.317	ng		100
9) Benzaldehyde	6.25	77	101202	23.936	ng		98
10) Phenol	6.37	94	242451	32.180	ng	#	76
11) bis(2-Chloroethyl)ether	6.44	93	231570m	37.074	ng		
12) 1,3-Dichlorobenzene	6.64	146	280031	40.476	ng		98
13) 1,4-Dichlorobenzene	6.72	146	303028	40.181	ng		99
14) 1,2-Dichlorobenzene	6.87	146	281881	42.560	ng		99
15) Benzyl Alcohol	6.85	79	212996	43.727	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	343008	41.414	ng		98
17) 2-Methylphenol	6.97	107	196133	41.002	ng		99
18) Hexachloroethane	7.20	117	108588	40.735	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	195313	42.389	ng		98
20) 3+4-Methylphenols	7.13	107	235939	40.028	ng		98
22) Acetophenone	7.11	105	393927	47.824	ng	#	99
24) Nitrobenzene	7.28	77	287977	44.787	ng		97
25) Isophorone	7.52	82	528734	51.528	ng		99
26) 2-Nitrophenol	7.60	139	131779	43.815	ng		99
27) 2,4-Dimethylphenol	7.65	122	221600	51.023	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	328344	47.307	ng		99
29) 2,4-Dichlorophenol	7.85	162	223551	45.889	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	237481	44.036	ng		99
31) Naphthalene	8.00	128	820849	52.107	ng		99
32) Benzoic acid	7.80	122	101171m	32.581	ng		
33) 4-Chloroaniline	8.06	127	60732	8.755	ng		97
34) Hexachlorobutadiene	8.12	225	146665	43.740	ng		98
35) Caprolactam	8.43	113	48769m	33.522	ng		
36) 4-Chloro-3-methylphenol	8.55	107	236434	45.978	ng		98
37) 2-Methylnaphthalene	8.69	142	520824	50.473	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244311	45.821	ng		98
40) Hexachlorocyclopentadiene	8.85	237	97867	45.348	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	144338	45.285	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	165950	45.282	ng		99
45) 1,1'-Biphenyl	9.15	154	630705	45.074	ng		99
46) 2-Chloronaphthalene	9.17	162	478820	45.675	ng		98
47) 2-Nitroaniline	9.28	65	152803	48.138	ng		98
48) Acenaphthylene	9.59	152	744600	48.720	ng		99
49) Dimethylphthalate	9.46	163	574934	50.048	ng		100
50) 2,6-Dinitrotoluene	9.52	165	118535	47.602	ng		94
51) Acenaphthene	9.76	154	419417	46.294	ng		99
52) 3-Nitroaniline	9.69	138	52751	18.898	ng		95
53) 2,4-Dinitrophenol	9.80	184	42210	52.539	ng		93
54) Dibenzofuran	9.93	168	628506	46.280	ng		100
55) 4-Nitrophenol	9.87	139	104322	68.279	ng		92
56) 2,4-Dinitrotoluene	9.93	165	144730	46.574	ng		93
57) Fluorene	10.27	166	489289	48.245	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	143312	48.106	ng		94
59) Diethylphthalate	10.15	149	558570	49.075	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	240758	44.998	ng		96
61) 4-Nitroaniline	10.30	138	99909	38.649	ng		100
62) Azobenzene	10.43	77	536448	46.412	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	36318	28.263	ng		97
65) n-Nitrosodiphenylamine	10.39	169	451130	50.405	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	149235	49.195	ng		93
67) Hexachlorobenzene	10.82	284	152919	46.552	ng		94
68) Atrazine	10.92	200	145479	52.084	ng		98
69) Pentachlorophenol	11.02	266	133128	72.023	ng		97
70) Phenanthrene	11.23	178	657946	49.798	ng		99
71) Anthracene	11.28	178	704043	51.549	ng		100
72) Carbazole	11.44	167	596245	45.012	ng		99
73) Di-n-butylphthalate	11.77	149	788536	51.325	ng		99
74) Fluoranthene	12.41	202	643382	46.613	ng		98
76) Benzidine	12.54	184	213580	29.534	ng	#	95
77) Pyrene	12.64	202	628862	44.091	ng		99
79) Butylbenzylphthalate	13.26	149	294039	47.551	ng		97
80) Benzo(a)anthracene	13.82	228	531973	49.520	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	147055	33.996	ng		99
82) Chrysene	13.86	228	562208	49.824	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	380321	50.412	ng		99
84) Di-n-octyl phthalate	14.42	149	695805	58.349	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	442167	54.747	ng		99
87) Benzo(b)fluoranthene	14.84	252	530199	51.153	ng		99
88) Benzo(k)fluoranthene	14.86	252	511897	49.153	ng		99
89) Benzo(a)pyrene	15.17	252	483598	51.414	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	371431	48.082	ng		98
91) Benzo(g,h,i)perylene	16.98	276	346779	44.954	ng		99

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

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