Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109646.D
Acq On : 8 Oct 2018 14:22
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Oct 08 14:58:13 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 14:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105741	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	443376	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	211258	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	394405	20.00	ng		0.00
75) Chrysene-d12	13.83	240	275128	20.00	ng		0.00
86) Perylene-d12	15.23	264	218433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	629912	98.12	ng		0.00
7) Phenol-d6	6.36	99	784645	95.78	ng		0.00
23) Nitrobenzene-d5	7.27	82	791372	105.36	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	222037	106.62	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1405778	100.36	ng		0.00
78) Terphenyl-d14	12.79	244	1345301	120.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	158403	53.574	ng		99
3) Pyridine	3.09	79	335290	44.060	ng		98
4) n-Nitrosodimethylamine	3.04	42	126216	38.973	ng		98
6) Aniline	6.37	93	479838	45.782	ng		94
8) 2-Chlorophenol	6.49	128	366016	51.269	ng		97
9) Benzaldehyde	6.25	77	260264	49.456	ng		98
10) Phenol	6.37	94	438473	47.263	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	337750	46.526	ng		99
12) 1,3-Dichlorobenzene	6.64	146	413005	50.245	ng		99
13) 1,4-Dichlorobenzene	6.72	146	441254	53.285	ng		99
14) 1,2-Dichlorobenzene	6.87	146	378327	49.525	ng		99
15) Benzyl Alcohol	6.86	79	300375	47.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	479072	46.526	ng		93
17) 2-Methylphenol	6.97	107	286969	49.678	ng		96
18) Hexachloroethane	7.21	117	154720	53.032	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	268751	50.066	ng		99
20) 3+4-Methylphenols	7.13	107	356915	51.176	ng		95
22) Acetophenone	7.12	105	526056	51.319	ng	#	99
24) Nitrobenzene	7.29	77	412269	51.624	ng		98
25) Isophorone	7.53	82	645827	47.750	ng		99
26) 2-Nitrophenol	7.60	139	199914	63.299	ng		96
27) 2,4-Dimethylphenol	7.65	122	280351	47.572	ng		100
28) bis(2-Chloroethoxy)methane	7.74	93	439557	49.095	ng		100
29) 2,4-Dichlorophenol	7.85	162	319643	51.624	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	342075	49.442	ng		99
31) Naphthalene	8.00	128	984104	47.498	ng		99
32) Benzoic acid	7.82	122	226254	62.562	ng		96
33) 4-Chloroaniline	8.06	127	436751	48.254	ng		99
34) Hexachlorobutadiene	8.12	225	213489	51.185	ng		98
35) Caprolactam	8.45	113	96411	48.770	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	328036	50.347	ng		96
37) 2-Methylnaphthalene	8.69	142	638965	47.839	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	343531	51.095	ng		100
40) Hexachlorocyclopentadiene	8.85	237	143205	48.833	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	214615	49.736	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	239851	52.630	ng	98
45) 1,1'-Biphenyl	9.16	154	890813	51.754	ng	99
46) 2-Chloronaphthalene	9.18	162	674850	49.077	ng	99
47) 2-Nitroaniline	9.29	65	211123	54.154	ng	94
48) Acenaphthylene	9.59	152	968976	46.711	ng	99
49) Dimethylphthalate	9.46	163	738564	48.066	ng	100
50) 2,6-Dinitrotoluene	9.52	165	165125	54.261	ng	93
51) Acenaphthene	9.76	154	570378	45.478	ng	99
52) 3-Nitroaniline	9.70	138	182565	51.803	ng	98
53) 2,4-Dinitrophenol	9.80	184	58391	67.298	ng	93
54) Dibenzofuran	9.94	168	852841	45.724	ng	98
55) 4-Nitrophenol	9.87	139	107984	40.674	ng	97
56) 2,4-Dinitrotoluene	9.93	165	203563	52.867	ng	96
57) Fluorene	10.28	166	634138	47.650	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	186447	51.670	ng	96
59) Diethylphthalate	10.16	149	720455	46.302	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	331930	47.753	ng	99
61) 4-Nitroaniline	10.32	138	174582	50.796	ng	100
62) Azobenzene	10.43	77	731941	45.276	ng	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	96703	67.864	ng	87
65) n-Nitrosodiphenylamine	10.39	169	633177	48.590	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	218135	49.806	ng	98
67) Hexachlorobenzene	10.83	284	234823	50.483	ng	98
68) Atrazine	10.92	200	197309	49.233	ng	99
69) Pentachlorophenol	11.02	266	140817	50.581	ng	99
70) Phenanthrene	11.23	178	921304	46.784	ng	99
71) Anthracene	11.29	178	959634	48.045	ng	100
72) Carbazole	11.44	167	931098	46.853	ng	99
73) Di-n-butylphthalate	11.77	149	1078998	47.164	ng	100
74) Fluoranthene	12.42	202	955829	45.419	ng	97
76) Benzidine	12.54	184	492728	49.672	ng	99
77) Pyrene	12.64	202	980155	49.709	ng	99
79) Butylbenzylphthalate	13.26	149	438465	52.268	ng	98
80) Benzo(a)anthracene	13.82	228	720471	43.476	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	292908	46.508	ng	100
82) Chrysene	13.86	228	777118	47.313	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	520393	49.188	ng	99
84) Di-n-octyl phthalate	14.42	149	816293	45.126	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	554313	41.635	ng	99
87) Benzo(b)fluoranthene	14.83	252	619302	51.597	ng	99
88) Benzo(k)fluoranthene	14.86	252	561626	49.310	ng	98
89) Benzo(a)pyrene	15.17	252	532132	49.201	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	460126	51.857	ng	98
91) Benzo(g,h,i)perylene	16.98	276	474445	54.406	ng	99

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

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