Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109913.D
Acq On : 16 Oct 2018 18:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 17 03:52:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	192475	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	727856	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	283956	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	456164	20.00	ng		0.00
76) Chrysene-d12	14.16	240	507829	20.00	ng		0.00
87) Perylene-d12	15.69	264	520831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	956476	78.77	ng		0.00
7) Phenol-d6	6.60	99	1157038	76.74	ng		0.00
23) Nitrobenzene-d5	7.55	82	975534	90.29	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	192468	78.29	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1608538	90.39	ng		0.00
79) Terphenyl-d14	13.10	244	1507615	62.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	265668	38.522	ng		93
3) Pyridine	3.59	79	595453	38.727	ng		87
4) n-Nitrosodimethylamine	3.55	42	236769	37.749	ng	#	99
6) Aniline	6.65	93	755857	37.199	ng	#	52
8) 2-Chlorophenol	6.76	128	537430	39.513	ng		98
9) Benzaldehyde	6.53	77	378644	38.644	ng		96
10) Phenol	6.61	94	619579	38.060	ng	#	61
11) bis(2-Chloroethyl)ether	6.71	93	522391	38.379	ng		91
12) 1,3-Dichlorobenzene	6.92	146	582465	39.054	ng		97
13) 1,4-Dichlorobenzene	7.00	146	589985	39.279	ng		98
14) 1,2-Dichlorobenzene	7.15	146	548460	39.653	ng		99
15) Benzyl Alcohol	7.12	79	435455	37.540	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	834786	37.366	ng		68
17) 2-Methylphenol	7.22	107	408982	37.289	ng	#	81
18) Hexachloroethane	7.49	117	210763	39.706	ng		92
19) n-Nitroso-di-n-propylamine	7.39	70	349908	36.143	ng		97
20) 3+4-Methylphenols	7.37	107	523923	37.644	ng		89
22) Acetophenone	7.39	105	676192	40.060	ng	#	97
24) Nitrobenzene	7.56	77	515169	43.890	ng		93
25) Isophorone	7.80	82	796765	37.529	ng		95
26) 2-Nitrophenol	7.87	139	233086	47.894	ng		96
27) 2,4-Dimethylphenol	7.90	122	399382	39.055	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	576920	39.596	ng		99
29) 2,4-Dichlorophenol	8.11	162	389396	39.253	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	448492	40.378	ng		95
31) Naphthalene	8.29	128	1310630	39.268	ng		99
32) Benzoic acid	7.97	122	74040	11.620	ng		90
33) 4-Chloroaniline	8.33	127	573245	38.207	ng		99
34) Hexachlorobutadiene	8.40	225	253752	41.429	ng		99
35) Caprolactam	8.69	113	108104	30.684	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	369221	35.281	ng		94
37) 2-Methylnaphthalene	8.97	142	812563	37.597	ng		98
38) 1-Methylnaphthalene	9.07	142	772108	36.868	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	388034	44.366	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	85776	20.319	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	231031	42.245	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	230436	40.598	ng		96
46) 1,1'-Biphenyl	9.44	154	1104019	43.638	ng		99
47) 2-Chloronaphthalene	9.47	162	788969	42.337	ng		99
48) 2-Nitroaniline	9.56	65	222435	46.511	ng		96
49) Acenaphthylene	9.89	152	1088110	40.193	ng		98
50) Dimethylphthalate	9.73	163	823612	40.962	ng		99
51) 2,6-Dinitrotoluene	9.80	165	172378	45.138	ng		96
52) Acenaphthene	10.06	154	681805	39.558	ng		97
53) 3-Nitroaniline	9.97	138	199824	43.015	ng		92
54) 2,4-Dinitrophenol	10.07	184	13337	18.651	ng	#	1
55) Dibenzofuran	10.23	168	964965	39.257	ng		96
56) 4-Nitrophenol	10.11	139	134299	37.888	ng		93
57) 2,4-Dinitrotoluene	10.20	165	198460	41.794	ng	#	81
58) Fluorene	10.57	166	674384	37.689	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	161678	35.941	ng		95
60) Diethylphthalate	10.43	149	753463	37.941	ng		100
61) 4-Chlorophenyl-phenylether	10.56	204	369716	39.666	ng		94
62) 4-Nitroaniline	10.58	138	179676	40.859	ng		91
63) Azobenzene	10.72	77	741736	35.753	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	34127	25.155	ng		97
66) n-Nitrosodiphenylamine	10.68	169	644650	42.431	ng		98
67) 4-Bromophenyl-phenylether	11.05	248	206991	41.870	ng		92
68) Hexachlorobenzene	11.12	284	213094	40.422	ng		97
69) Atrazine	11.20	200	193506	40.774	ng		99
70) Pentachlorophenol	11.31	266	130715	43.569	ng		98
71) Phenanthrene	11.54	178	955147	40.445	ng		100
72) Anthracene	11.59	178	974040	41.025	ng		99
73) Carbazole	11.74	167	966455	41.418	ng		100
74) Di-n-butylphthalate	12.06	149	1063211	40.828	ng		99
75) Fluoranthene	12.73	202	1055170	44.726	ng		97
77) Benzidine	12.85	184	645265	33.140	ng		99
78) Pyrene	12.96	202	1137051	30.485	ng		99
80) Butylbenzylphthalate	13.57	149	541210	35.891	ng		98
81) Benzo(a)anthracene	14.15	228	1158902	38.743	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	464649	44.309	ng		98
83) Chrysene	14.19	228	1116751	39.223	ng		100
84) Bis(2-ethylhexyl)phthalate	14.12	149	791126	39.871	ng		95
85) Di-n-octyl phthalate	14.74	149	1438045	51.407	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	957439	41.765	ng	#	93
88) Benzo(b)fluoranthene	15.23	252	1147285	38.208	ng		99
89) Benzo(k)fluoranthene	15.26	252	1126487	38.062	ng	#	96
90) Benzo(a)pyrene	15.62	252	1076706	38.988	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	818471	33.442	ng		97
92) Benzo(g,h,i)perylene	17.73	276	722192	29.205	ng	#	94

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

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