Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109922.D
Acq On : 17 Oct 2018 15:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/18/2018 2:04:16 PM

Quant Time: Oct 17 17:33:39 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	208494	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	845043	20.00	ng		0.00
39) Acenaphthene-d10	10.03	164	400039	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	780358	20.00	ng		0.00
76) Chrysene-d12	14.16	240	517588	20.00	ng		0.00
87) Perylene-d12	15.69	264	408080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	974433	74.08	ng		0.00
7) Phenol-d6	6.60	99	1281399	78.46	ng		0.00
23) Nitrobenzene-d5	7.55	82	1132572	90.28	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	296606	85.64	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1938155	77.31	ng		0.00
79) Terphenyl-d14	13.10	244	2042377	82.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	256558	34.343	ng		91
3) Pyridine	3.61	79	556917	33.438	ng		87
4) n-Nitrosodimethylamine	3.55	42	139643	20.553	ng	#	95
6) Aniline	6.65	93	850326	38.633	ng	#	52
8) 2-Chlorophenol	6.76	128	582842	39.559	ng		97
9) Benzaldehyde	6.53	77	407507	38.394	ng		96
10) Phenol	6.61	94	689057	39.076	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	553955	37.571	ng		93
12) 1,3-Dichlorobenzene	6.92	146	624356	38.646	ng		98
13) 1,4-Dichlorobenzene	7.00	146	637165	39.161	ng		99
14) 1,2-Dichlorobenzene	7.15	146	599345	40.003	ng		99
15) Benzyl Alcohol	7.12	79	498841	39.700	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	896975	37.065	ng		68
17) 2-Methylphenol	7.22	107	457244	38.487	ng	#	81
18) Hexachloroethane	7.49	117	230627	40.110	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	395712	37.734	ng		96
20) 3+4-Methylphenols	7.37	107	599011	39.732	ng	#	89
22) Acetophenone	7.39	105	761640	38.865	ng	#	97
24) Nitrobenzene	7.56	77	593505	43.552	ng		95
25) Isophorone	7.80	82	937239	38.024	ng		97
26) 2-Nitrophenol	7.87	139	288397	51.041	ng		96
27) 2,4-Dimethylphenol	7.90	122	467559	39.382	ng		95
28) bis(2-Chloroethoxy)methane	8.00	93	647702	38.289	ng		99
29) 2,4-Dichlorophenol	8.12	162	465328	40.402	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	510196	39.563	ng		98
31) Naphthalene	8.29	128	1523034	39.304	ng		99
32) Benzoic acid	7.97	122	59295	8.016	ng		91
33) 4-Chloroaniline	8.33	127	694539	39.872	ng		99
34) Hexachlorobutadiene	8.40	225	275409	38.729	ng		100
35) Caprolactam	8.70	113	161048	39.373	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	492101	40.502	ng		91
37) 2-Methylnaphthalene	8.97	142	991578	39.517	ng		98
38) 1-Methylnaphthalene	9.08	142	957072	39.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	480165	38.969	ng		99

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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	236327	39.738	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	309384	40.156	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	329871	41.252	ng		96
46) 1,1'-Biphenyl	9.44	154	1388534	38.958	ng		98
47) 2-Chloronaphthalene	9.47	162	1018688	38.802	ng		98
48) 2-Nitroaniline	9.56	65	332819	49.398	ng		91
49) Acenaphthylene	9.89	152	1504643	39.451	ng		97
50) Dimethylphthalate	9.74	163	1113913	39.324	ng		100
51) 2,6-Dinitrotoluene	9.80	165	261965	48.691	ng	#	86
52) Acenaphthene	10.06	154	954006	39.289	ng		97
53) 3-Nitroaniline	9.97	138	319708	48.851	ng		91
54) 2,4-Dinitrophenol	10.07	184	44238	31.846	ng		88
55) Dibenzofuran	10.23	168	1372669	39.639	ng		99
56) 4-Nitrophenol	10.12	139	226215	45.300	ng		94
57) 2,4-Dinitrotoluene	10.20	165	338643	49.654	ng		90
58) Fluorene	10.57	166	1009334	40.040	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	244631	38.601	ng		96
60) Diethylphthalate	10.44	149	1159489	41.444	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	520283	39.622	ng		98
62) 4-Nitroaniline	10.59	138	311255	50.242	ng		90
63) Azobenzene	10.72	77	1112675	38.069	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	73759	29.698	ng		78
66) n-Nitrosodiphenylamine	10.68	169	984972	37.897	ng		95
67) 4-Bromophenyl-phenylether	11.06	248	317189	37.506	ng		99
68) Hexachlorobenzene	11.12	284	345582	38.320	ng		94
69) Atrazine	11.20	200	316295	38.959	ng		99
70) Pentachlorophenol	11.31	266	160128	31.200	ng		97
71) Phenanthrene	11.54	178	1552451	38.427	ng		99
72) Anthracene	11.59	178	1569157	38.634	ng		99
73) Carbazole	11.75	167	1560670	39.098	ng		99
74) Di-n-butylphthalate	12.07	149	1690164	37.940	ng		99
75) Fluoranthene	12.73	202	1560709	38.671	ng		99
77) Benzidine	12.85	184	659209	33.218	ng		97
78) Pyrene	12.96	202	1617057	42.537	ng		99
80) Butylbenzylphthalate	13.57	149	667524	43.433	ng		97
81) Benzo(a)anthracene	14.15	228	1179231	38.679	ng		100
82) 3,3'-Dichlorobenzidine	14.11	252	427696	40.016	ng		100
83) Chrysene	14.19	228	1106672	38.136	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	824912	40.790	ng		95
85) Di-n-octyl phthalate	14.74	149	1106549	38.811	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	1144817	48.997	ng	#	94
88) Benzo(b)fluoranthene	15.23	252	911153m	38.728	ng		
89) Benzo(k)fluoranthene	15.26	252	887654	38.279	ng		98
90) Benzo(a)pyrene	15.62	252	873348	40.362	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	944521	49.255	ng		96
92) Benzo(g,h,i)perylene	17.73	276	986648	50.924	ng	#	95

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

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