Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109785.D
Acq On : 11 Oct 2018 14:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/12/2018 11:01:18 AM

Quant Time: Oct 11 17:18:06 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	112946	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	470442	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	220648	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	423828	20.00	ng		0.00
75) Chrysene-d12	13.83	240	294833	20.00	ng		0.00
86) Perylene-d12	15.23	264	238946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	508343	79.89	ng		0.00
7) Phenol-d6	6.35	99	675640	79.48	ng		0.00
23) Nitrobenzene-d5	7.27	82	695104	81.45	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	190190	79.11	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1223662	76.38	ng		0.00
78) Terphenyl-d14	12.79	244	1194622	78.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	133089	39.853	ng		97
3) Pyridine	3.08	79	271245	39.370	ng		99
4) n-Nitrosodimethylamine	3.02	42	99086	39.845	ng		94
6) Aniline	6.37	93	399892	40.385	ng		98
8) 2-Chlorophenol	6.49	128	314185	40.148	ng		97
9) Benzaldehyde	6.25	77	213322	38.999	ng		99
10) Phenol	6.37	94	366582	37.609	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	300555m	37.193	ng		
12) 1,3-Dichlorobenzene	6.64	146	347698	38.846	ng		98
13) 1,4-Dichlorobenzene	6.72	146	384458	39.404	ng		99
14) 1,2-Dichlorobenzene	6.87	146	320088	37.356	ng		99
15) Benzyl Alcohol	6.85	79	253613	40.245	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	403973	37.701	ng		92
17) 2-Methylphenol	6.97	107	242147	39.129	ng		96
18) Hexachloroethane	7.20	117	135664	39.338	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	222690	37.358	ng		98
20) 3+4-Methylphenols	7.12	107	291739	38.258	ng	#	82
22) Acetophenone	7.12	105	446906	39.284	ng		98
24) Nitrobenzene	7.29	77	363723	40.958	ng		100
25) Isophorone	7.52	82	543600	38.358	ng		100
26) 2-Nitrophenol	7.60	139	165353	39.808	ng		99
27) 2,4-Dimethylphenol	7.65	122	230768	38.472	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	377036	39.332	ng		98
29) 2,4-Dichlorophenol	7.85	162	274442	40.790	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	292815	39.314	ng		99
31) Naphthalene	8.00	128	826537	37.990	ng		99
32) Benzoic acid	7.81	122	155402	36.236	ng		97
33) 4-Chloroaniline	8.06	127	387275	40.421	ng		99
34) Hexachlorobutadiene	8.12	225	181084	39.103	ng		99
35) Caprolactam	8.45	113	80166	39.897	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	283696	39.945	ng		97
37) 2-Methylnaphthalene	8.69	142	541388	37.988	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	297019	39.545	ng		100
40) Hexachlorocyclopentadiene	8.85	237	104118	36.011	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	175051	38.987	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	206301	39.961	ng		99
45) 1,1'-Biphenyl	9.16	154	772383	39.184	ng		99
46) 2-Chloronaphthalene	9.18	162	579275	39.226	ng		99
47) 2-Nitroaniline	9.28	65	183509	41.039	ng		99
48) Acenaphthylene	9.59	152	829649	38.536	ng		99
49) Dimethylphthalate	9.46	163	625939	38.680	ng		99
50) 2,6-Dinitrotoluene	9.52	165	140323	40.003	ng		98
51) Acenaphthene	9.76	154	484044	37.926	ng		100
52) 3-Nitroaniline	9.69	138	158115	40.211	ng		99
53) 2,4-Dinitrophenol	9.80	184	40284	35.595	ng	#	83
54) Dibenzofuran	9.93	168	736955	38.522	ng		99
55) 4-Nitrophenol	9.87	139	72510	33.689	ng		95
56) 2,4-Dinitrotoluene	9.93	165	176519	40.323	ng		92
57) Fluorene	10.27	166	553738	38.759	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	163415	38.940	ng		98
59) Diethylphthalate	10.15	149	621540	38.764	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	290527	38.546	ng		99
61) 4-Nitroaniline	10.31	138	155440	42.685	ng		98
62) Azobenzene	10.43	77	647528	39.769	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	73076	35.424	ng		91
65) n-Nitrosodiphenylamine	10.39	169	546965	38.069	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	181961	37.365	ng	#	92
67) Hexachlorobenzene	10.82	284	200807	38.080	ng	#	92
68) Atrazine	10.92	200	171670	38.285	ng		98
69) Pentachlorophenol	11.02	266	128278	43.230	ng		98
70) Phenanthrene	11.23	178	807817	38.087	ng		100
71) Anthracene	11.28	178	871996	39.771	ng		99
72) Carbazole	11.44	167	839018	39.456	ng		100
73) Di-n-butylphthalate	11.77	149	945286	38.327	ng		99
74) Fluoranthene	12.41	202	859192	38.776	ng		100
76) Benzidine	12.54	184	428512	39.125	ng		97
77) Pyrene	12.64	202	868567	40.209	ng		99
79) Butylbenzylphthalate	13.26	149	380610	40.640	ng		100
80) Benzo(a)anthracene	13.82	228	616100	37.867	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	257442	39.297	ng		99
82) Chrysene	13.86	228	674139	39.447	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	447790	39.190	ng		99
84) Di-n-octyl phthalate	14.42	149	680874	37.700	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	528497	43.205	ng		99
87) Benzo(b)fluoranthene	14.84	252	503261	38.113	ng		98
88) Benzo(k)fluoranthene	14.86	252	505196	38.078	ng		99
89) Benzo(a)pyrene	15.17	252	467043	38.976	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	435449	44.247	ng		99
91) Benzo(g,h,i)perylene	16.99	276	446676	45.452	ng		99

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

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