Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109738.D
Acq On : 10 Oct 2018 13:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 10 13:49:08 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	105577	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	443318	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	209247	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	400483	20.00	ng		0.00
75) Chrysene-d12	13.83	240	268945	20.00	ng		0.00
86) Perylene-d12	15.23	264	227720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	465646	78.29	ng		-0.01
7) Phenol-d6	6.35	99	632626	79.62	ng		0.00
23) Nitrobenzene-d5	7.27	82	649273	80.73	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	181285	79.51	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1177515	77.50	ng		0.00
78) Terphenyl-d14	12.79	244	1105531	79.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	125112	40.079	ng		99
3) Pyridine	3.08	79	239872	37.246	ng		99
4) n-Nitrosodimethylamine	3.03	42	95209	40.958	ng		100
6) Aniline	6.36	93	376876	40.717	ng		94
8) 2-Chlorophenol	6.49	128	294564	40.268	ng		96
9) Benzaldehyde	6.25	77	206423	40.372	ng		99
10) Phenol	6.36	94	339020	37.209	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	326457	43.219	ng		98
12) 1,3-Dichlorobenzene	6.64	146	328058	39.210	ng		100
13) 1,4-Dichlorobenzene	6.72	146	362703	39.769	ng		99
14) 1,2-Dichlorobenzene	6.87	146	323261	40.360	ng		99
15) Benzyl Alcohol	6.85	79	232281	39.433	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	384784	38.417	ng		91
17) 2-Methylphenol	6.97	107	228057	39.424	ng		95
18) Hexachloroethane	7.20	117	127728	39.622	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	213666	38.345	ng		100
20) 3+4-Methylphenols	7.12	107	274195	38.467	ng	#	84
22) Acetophenone	7.12	105	431493	40.250	ng	#	95
24) Nitrobenzene	7.29	77	337197	40.294	ng		99
25) Isophorone	7.52	82	514766	38.546	ng		99
26) 2-Nitrophenol	7.60	139	155970	39.846	ng		98
27) 2,4-Dimethylphenol	7.65	122	217365	38.455	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	351583	38.921	ng		98
29) 2,4-Dichlorophenol	7.85	162	254041	40.068	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	279769	39.861	ng		98
31) Naphthalene	8.00	128	791009	38.582	ng		100
32) Benzoic acid	7.80	122	153163	37.899	ng		98
33) 4-Chloroaniline	8.06	127	362969	40.202	ng		98
34) Hexachlorobutadiene	8.12	225	172405	39.507	ng		99
35) Caprolactam	8.44	113	74664	39.432	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	268141	40.065	ng		99
37) 2-Methylnaphthalene	8.69	142	521014	38.796	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	286009	40.154	ng		99
40) Hexachlorocyclopentadiene	8.85	237	98936	36.069	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	164612	38.660	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	200553	40.964	ng		99
45) 1,1'-Biphenyl	9.16	154	732836	39.204	ng		99
46) 2-Chloronaphthalene	9.18	162	545398	38.944	ng		99
47) 2-Nitroaniline	9.28	65	171471	40.436	ng		98
48) Acenaphthylene	9.59	152	793448	38.862	ng		100
49) Dimethylphthalate	9.46	163	595042	38.774	ng		99
50) 2,6-Dinitrotoluene	9.52	165	132218	39.746	ng		96
51) Acenaphthene	9.76	154	451990	37.345	ng		99
52) 3-Nitroaniline	9.69	138	148366	39.788	ng		98
53) 2,4-Dinitrophenol	9.80	184	37174	34.636	ng	#	85
54) Dibenzofuran	9.93	168	701399	38.661	ng		99
55) 4-Nitrophenol	9.87	139	69746	34.171	ng		96
56) 2,4-Dinitrotoluene	9.93	165	165987	39.983	ng		93
57) Fluorene	10.27	166	519236	38.324	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162795	40.906	ng		97
59) Diethylphthalate	10.15	149	589793	38.789	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	283574	39.674	ng		97
61) 4-Nitroaniline	10.31	138	143821	41.647	ng		99
62) Azobenzene	10.43	77	612956	39.697	ng		100
64) 4,6-Dinitro-2-methylphenol	10.34	198	66552	34.142	ng		95
65) n-Nitrosodiphenylamine	10.39	169	520165	38.314	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	176512	38.359	ng		99
67) Hexachlorobenzene	10.83	284	190556	38.242	ng		99
68) Atrazine	10.92	200	160757	37.942	ng		98
69) Pentachlorophenol	11.02	266	107149	38.215	ng		98
70) Phenanthrene	11.23	178	756898	37.766	ng		99
71) Anthracene	11.28	178	814399	39.310	ng		99
72) Carbazole	11.44	167	784077	39.021	ng		99
73) Di-n-butylphthalate	11.77	149	886856	38.054	ng		100
74) Fluoranthene	12.41	202	792448	37.849	ng		100
76) Benzidine	12.54	184	386409	38.677	ng		98
77) Pyrene	12.64	202	801582	40.680	ng		99
79) Butylbenzylphthalate	13.26	149	341080	39.925	ng		99
80) Benzo(a)anthracene	13.82	228	552384	37.219	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	232666	38.933	ng		99
82) Chrysene	13.86	228	609558	39.101	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	403889	38.750	ng		99
84) Di-n-octyl phthalate	14.42	149	631730	38.345	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	481790	43.178	ng		100
87) Benzo(b)fluoranthene	14.83	252	479144	38.075	ng		98
88) Benzo(k)fluoranthene	14.86	252	463724	36.675	ng		99
89) Benzo(a)pyrene	15.17	252	439628	38.497	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	403253	42.996	ng		98
91) Benzo(g,h,i)perylene	16.98	276	403222	43.053	ng		99

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

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