Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032106.D
Acq On : 17 Jan 2018 18:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 18 05:27:42 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil

1/18/2018 4:00:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	51149	20.00	ng		-0.03
21) Naphthalene-d8	11.63	136	213767	20.00	ng		-0.03
38) Acenaphthene-d10	15.38	164	149893	20.00	ng		-0.02
63) Phenanthrene-d10	18.11	188	377222	20.00	ng		-0.03
75) Chrysene-d12	22.45	240	439018	20.00	ng		-0.03
86) Perylene-d12	26.15	264	468019	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	214372	76.65	ng		-0.03
7) Phenol-d6	7.85	99	274504	77.94	ng		-0.03
23) Nitrobenzene-d5	9.94	82	268589	85.00	ng		-0.03
41) 2,4,6-Tribromophenol	16.86	330	202111	81.48	ng		-0.02
44) 2-Fluorobiphenyl	14.01	172	938292	77.62	ng		-0.03
78) Terphenyl-d14	20.65	244	1452248	73.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	36904	34.348	ng	#	74
3) Pyridine	4.29	79	107548	37.501	ng	#	85
4) n-Nitrosodimethylamine	4.19	42	43243	42.919	ng	#	83
6) Aniline	8.04	93	175282	39.454	ng		90
8) 2-Chlorophenol	8.29	128	119014	38.030	ng		83
9) Benzaldehyde	7.84	77	77916	38.180	ng		91
10) Phenol	7.88	94	130023	37.475	ng		99
11) bis(2-Chloroethyl)ether	8.13	93	103874	37.369	ng		85
12) 1,3-Dichlorobenzene	8.63	146	159524	38.948	ng	#	94
13) 1,4-Dichlorobenzene	8.78	146	158934	38.539	ng		97
14) 1,2-Dichlorobenzene	9.11	146	152975	38.352	ng		97
15) Benzyl Alcohol	8.98	79	113021	44.171	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.28	45	110803	39.223	ng		79
17) 2-Methylphenol	9.18	107	100137	37.765	ng		93
18) Hexachloroethane	9.87	117	51779	40.854	ng	#	83
19) n-Nitroso-di-n-propylamine	9.56	70	92561	42.355	ng	#	89
20) 3+4-Methylphenols	9.51	107	144723	39.398	ng		99
22) Acetophenone	9.59	105	194444	40.044	ng	#	92
24) Nitrobenzene	9.99	77	131080	41.590	ng	#	87
25) Isophorone	10.51	82	240677	40.907	ng	#	87
26) 2-Nitrophenol	10.71	139	79118	42.366	ng	#	84
27) 2,4-Dimethylphenol	10.75	122	116470	39.301	ng		94
28) bis(2-Chloroethoxy)methane	10.99	93	140959	39.765	ng	#	93
29) 2,4-Dichlorophenol	11.25	162	149095	40.887	ng		92
30) 1,2,4-Trichlorobenzene	11.48	180	189187	40.172	ng		96
31) Naphthalene	11.68	128	406926	38.427	ng		99
32) Benzoic acid	10.85	122	65124m	29.650	ng		
33) 4-Chloroaniline	11.77	127	179828	39.601	ng		94
34) Hexachlorobutadiene	11.94	225	142378	42.092	ng		98
35) Caprolactam	12.53	113	46457	41.994	ng	#	45
36) 4-Chloro-3-methylphenol	12.84	107	140772	42.176	ng		90
37) 2-Methylnaphthalene	13.24	142	336000	39.966	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	260368	39.849	ng	#	95
40) Hexachlorocyclopentadiene	13.57	237	161584	43.908	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	153950	41.934	ng		97
43) 2,4,5-Trichlorophenol	13.89	196	173943	40.933	ng	#	90
45) 1,1'-Biphenyl	14.22	154	490657	38.184	ng		95
46) 2-Chloronaphthalene	14.28	162	385231	38.537	ng		95
47) 2-Nitroaniline	14.46	65	85726	44.796	ng	#	70
48) Acenaphthylene	15.11	152	579633	38.077	ng		99
49) Dimethylphthalate	14.81	163	517376	39.443	ng		99
50) 2,6-Dinitrotoluene	14.93	165	110987	40.765	ng	#	72
51) Acenaphthene	15.45	154	389591	38.705	ng		96
52) 3-Nitroaniline	15.27	138	99643	40.521	ng	#	74
53) 2,4-Dinitrophenol	15.46	184	41985	35.029	ng	#	6
54) Dibenzofuran	15.78	168	578243	38.509	ng		100
55) 4-Nitrophenol	15.55	139	77491	43.241	ng	#	78
56) 2,4-Dinitrotoluene	15.72	165	153558	41.893	ng	#	70
57) Fluorene	16.42	166	478255	38.835	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	172140	43.790	ng	#	84
59) Diethylphthalate	16.16	149	500693	39.374	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	299936	39.703	ng		92
61) 4-Nitroaniline	16.42	138	103634	43.934	ng		90
62) Azobenzene	16.69	77	319547	40.148	ng		89
64) 4,6-Dinitro-2-methylphenol	16.47	198	93401	39.632	ng	#	70
65) n-Nitrosodiphenylamine	16.60	169	443894	38.780	ng		95
66) 4-Bromophenyl-phenylether	17.29	248	208856	38.914	ng		95
67) Hexachlorobenzene	17.41	284	221877	37.366	ng	#	92
68) Atrazine	17.53	200	189621	39.391	ng		95
69) Pentachlorophenol	17.75	266	153410	40.419	ng		97
70) Phenanthrene	18.16	178	780498	37.163	ng		100
71) Anthracene	18.25	178	793333	37.873	ng		99
72) Carbazole	18.51	167	689532	37.946	ng		99
73) Di-n-butylphthalate	19.01	149	817951	38.093	ng		100
74) Fluoranthene	20.12	202	977819	37.185	ng		95
76) Benzidine	20.28	184	418104	38.085	ng		97
77) Pyrene	20.48	202	1004007	36.379	ng		98
79) Butylbenzylphthalate	21.34	149	365598	36.973	ng	#	76
80) Benzo(a)anthracene	22.43	228	1045805	38.304	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	418809	41.063	ng	#	98
82) Chrysene	22.50	228	1004627	38.314	ng		99
83) Bis(2-ethylhexyl)phthalate	22.27	149	529024	36.484	ng	#	97
84) Di-n-octyl phthalate	23.65	149	836308	36.315	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1279359	39.870	ng	#	81
87) Benzo(b)fluoranthene	24.96	252	1080431	38.192	ng	#	95
88) Benzo(k)fluoranthene	25.04	252	1089149	39.400	ng	#	97
89) Benzo(a)pyrene	25.97	252	1046906	39.121	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1060468	41.123	ng	#	95
91) Benzo(g,h,i)perylene	31.79	276	1048622	39.785	ng	#	92

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

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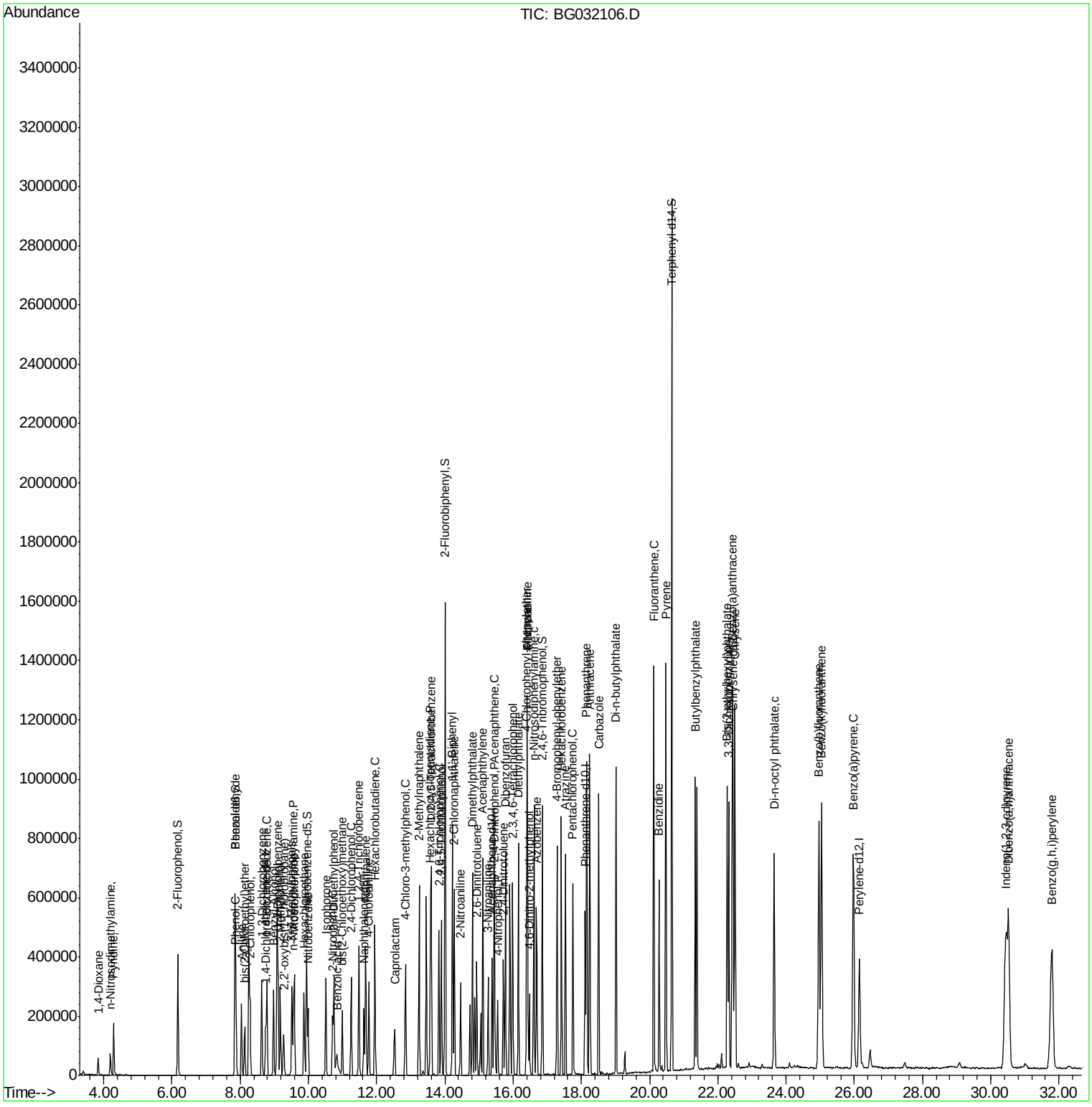
1/18/2018 4:00:17 PM