Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043673.D
Acq On : 18 Nov 2019 14:59
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 19 01:39:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24743	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	103352	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	74449	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	180877	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	193281	20.00	ng		-0.02
87) Perylene-d12	24.82	264	226475	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	116580	86.34	ng		0.00
7) Phenol-d6	7.19	99	164127	84.48	ng		0.00
23) Nitrobenzene-d5	9.16	82	158480	79.05	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	104569	73.81	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	443505	82.32	ng		-0.02
79) Terphenyl-d14	19.98	244	856145	83.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21552	40.959	ng	#	93
3) Pyridine	3.86	79	60541	45.611	ng		95
4) n-Nitrosodimethylamine	3.78	42	29804	44.498	ng	#	81
6) Aniline	7.33	93	92114	41.160	ng		96
8) 2-Chlorophenol	7.57	128	61735	41.418	ng		96
9) Benzaldehyde	7.13	77	38681	40.515	ng		92
10) Phenol	7.21	94	75099	42.303	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	55411	40.372	ng		98
12) 1,3-Dichlorobenzene	7.88	146	76916	41.186	ng		98
13) 1,4-Dichlorobenzene	8.03	146	78067	41.317	ng		97
14) 1,2-Dichlorobenzene	8.35	146	73439	39.807	ng		97
15) Benzyl Alcohol	8.24	79	56522	41.427	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	81434	40.804	ng		97
17) 2-Methylphenol	8.46	107	54319	41.973	ng		90
18) Hexachloroethane	9.07	117	26960	39.548	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	51704	41.187	ng		92
20) 3+4-Methylphenols	8.79	107	71035	40.028	ng		93
22) Acetophenone	8.82	105	103370	39.056	ng	#	91
24) Nitrobenzene	9.20	77	76012	39.803	ng	#	95
25) Isophorone	9.72	82	142607	38.909	ng		98
26) 2-Nitrophenol	9.92	139	38181	41.412	ng		97
27) 2,4-Dimethylphenol	9.99	122	55829	42.249	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	78134	38.625	ng		98
29) 2,4-Dichlorophenol	10.46	162	65684	38.794	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	84347	39.526	ng		94
31) Naphthalene	10.85	128	205338	39.141	ng		99
32) Benzoic acid	10.16	122	30572	33.636	ng		89
33) 4-Chloroaniline	10.97	127	85531	39.774	ng		97
34) Hexachlorobutadiene	11.13	225	62768	39.790	ng		91
35) Caprolactam	11.73	113	22153	37.990	ng	#	84
36) 4-Chloro-3-methylphenol	12.11	107	73561	39.831	ng		97
37) 2-Methylnaphthalene	12.46	142	157745	39.189	ng		98
38) 1-Methylnaphthalene	12.67	142	149171	38.949	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	110496	40.104	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	83082	57.403	ng		100
43) 2,4,6-Trichlorophenol	13.07	196	63829	39.338	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	64574	39.365	ng		96
46) 1,1'-Biphenyl	13.46	154	230977	40.782	ng		95
47) 2-Chloronaphthalene	13.50	162	172901	40.123	ng		99
48) 2-Nitroaniline	13.72	65	52557	40.806	ng		91
49) Acenaphthylene	14.35	152	273313	40.751	ng		98
50) Dimethylphthalate	14.08	163	231912	40.216	ng		97
51) 2,6-Dinitrotoluene	14.20	165	49708	39.678	ng		95
52) Acenaphthene	14.69	154	163431	39.958	ng		96
53) 3-Nitroaniline	14.54	138	48261	39.900	ng		96
54) 2,4-Dinitrophenol	14.75	184	29742	41.840	ng		93
55) Dibenzofuran	15.02	168	266916	40.242	ng		99
56) 4-Nitrophenol	14.89	139	27980	34.520	ng		85
57) 2,4-Dinitrotoluene	14.99	165	71299	39.824	ng		97
58) Fluorene	15.68	166	226317	40.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	63050	36.176	ng		99
60) Diethylphthalate	15.43	149	231082	39.882	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	128560	39.614	ng		98
62) 4-Nitroaniline	15.70	138	52909	42.356	ng		90
63) Azobenzene	15.96	77	185621	39.584	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	39034	36.670	ng		95
66) n-Nitrosodiphenylamine	15.88	169	194833	38.153	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	92575	38.031	ng		94
68) Hexachlorobenzene	16.68	284	103989	37.217	ng		97
69) Atrazine	16.83	200	75537	42.569	ng		97
70) Pentachlorophenol	17.04	266	55404	43.516	ng		99
71) Phenanthrene	17.41	178	355920	38.427	ng		99
72) Anthracene	17.50	178	359307	38.773	ng		97
73) Carbazole	17.78	167	320942	38.244	ng		97
74) Di-n-butylphthalate	18.32	149	397818	39.069	ng		99
75) Fluoranthene	19.42	202	472338	39.117	ng		99
77) Benzidine	19.61	184	161262	41.457	ng		97
78) Pyrene	19.79	202	482726	40.349	ng		99
80) Butylbenzylphthalate	20.67	149	185427	40.909	ng		97
81) Benzo(a)anthracene	21.62	228	494595	40.852	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	196894	42.047	ng		95
83) Chrysene	21.69	228	488839	40.638	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	268615	41.719	ng		99
85) Di-n-octyl phthalate	22.71	149	456320	41.774	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	618390	40.954	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	522247	40.715	ng		100
89) Benzo(k)fluoranthene	23.88	252	526267	40.755	ng		99
90) Benzo(a)pyrene	24.67	252	502709	41.042	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	517225	41.284	ng		98
92) Benzo(g,h,i)perylene	29.58	276	502584	40.668	ng		99

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

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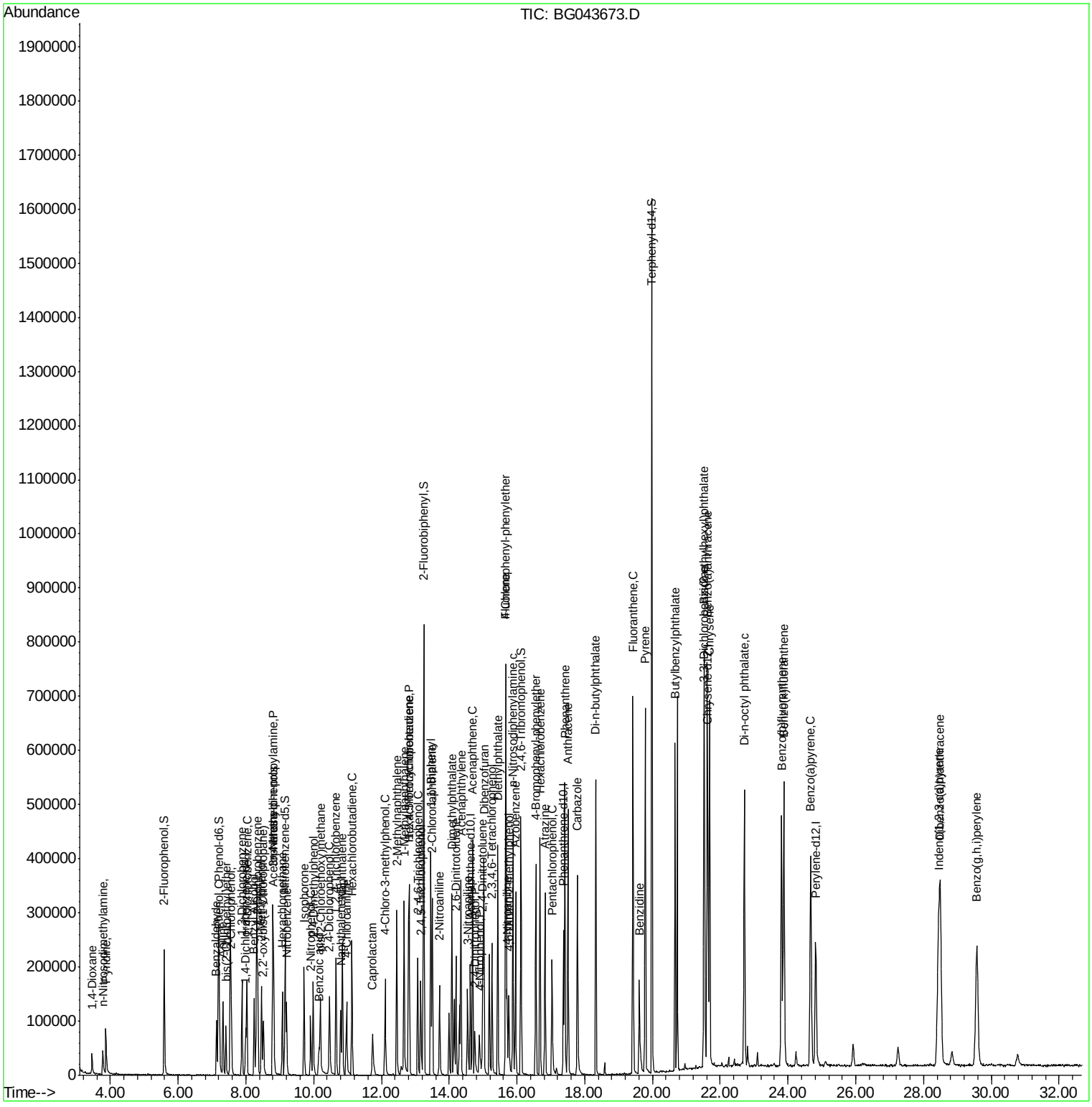
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