Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045601.D
Acq On : 4 Jun 2020 7:05
Operator : CG/JU
Sample : L2837-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPMSD

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:47 PM

Quant Time: Jun 04 07:41:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59099	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	232541	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	168242	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	408565	20.00	ng		0.00
76) Chrysene-d12	21.61	240	385743	20.00	ng		0.00
87) Perylene-d12	24.75	264	425171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	401638	132.81	ng		0.00
7) Phenol-d6	7.15	99	499842	116.13	ng		0.00
23) Nitrobenzene-d5	9.11	82	418433	98.12	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	325977	151.50	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	955568	96.34	ng		0.00
79) Terphenyl-d14	19.96	244	1706240	103.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	56105	37.413	ng	#	31
3) Pyridine	3.82	79	89043	21.320	ng		99
4) n-Nitrosodimethylamine	3.72	42	62092	45.433	ng		90
6) Aniline	7.28	93	129412	23.033	ng	#	95
8) 2-Chlorophenol	7.53	128	166643	50.250	ng		95
9) Benzaldehyde	7.08	77	112030	39.950	ng		96
10) Phenol	7.18	94	180491	40.688	ng		100
11) bis(2-Chloroethyl)ether	7.37	93	159928	46.221	ng		98
12) 1,3-Dichlorobenzene	7.84	146	183399	46.020	ng		94
13) 1,4-Dichlorobenzene	7.99	146	188149	47.840	ng		98
14) 1,2-Dichlorobenzene	8.30	146	172073	45.490	ng		97
15) Benzyl Alcohol	8.20	79	171839	48.329	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	146287	44.540	ng		96
17) 2-Methylphenol	8.42	107	147342	44.376	ng		98
18) Hexachloroethane	9.04	117	70192	46.600	ng		94
19) n-Nitroso-di-n-propylamine	8.76	70	142651	47.928	ng		97
20) 3+4-Methylphenols	8.75	107	193440m	42.783	ng		
22) Acetophenone	8.77	105	263146	47.745	ng		98
24) Nitrobenzene	9.16	77	214849	47.025	ng	#	96
25) Isophorone	9.68	82	401891	47.855	ng		100
26) 2-Nitrophenol	9.87	139	98294	50.292	ng		95
27) 2,4-Dimethylphenol	9.95	122	156834	54.104	ng		95
28) bis(2-Chloroethoxy)methane	10.16	93	217713	49.432	ng		97
29) 2,4-Dichlorophenol	10.42	162	172527	50.401	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	197686	48.873	ng		98
31) Naphthalene	10.81	128	521762	48.150	ng		98
32) Benzoic acid	10.11	122	73802	39.640	ng		95
33) 4-Chloroaniline	10.93	127	39773	8.781	ng		97
34) Hexachlorobutadiene	11.10	225	134849	47.163	ng		98
35) Caprolactam	11.69	113	45247m	36.012	ng		
36) 4-Chloro-3-methylphenol	12.07	107	196248	50.878	ng		95
37) 2-Methylnaphthalene	12.42	142	392531	48.601	ng		96
38) 1-Methylnaphthalene	12.64	142	375232m	49.182	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	228877	48.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	227309	83.806	ng		97
43) 2,4,6-Trichlorophenol	13.04	196	156890	48.061	ng		95
44) 2,4,5-Trichlorophenol	13.12	196	171635	46.010	ng		95
46) 1,1'-Biphenyl	13.43	154	507840	49.125	ng		99
47) 2-Chloronaphthalene	13.47	162	391370	46.622	ng		98
48) 2-Nitroaniline	13.68	65	131815	47.736	ng		93
49) Acenaphthylene	14.32	152	650311	48.229	ng		98
50) Dimethylphthalate	14.06	163	643559	55.762	ng		99
51) 2,6-Dinitrotoluene	14.17	165	123332	47.357	ng		95
52) Acenaphthene	14.66	154	480264m	53.210	ng		
53) 3-Nitroaniline	14.51	138	57118	21.575	ng	#	95
54) 2,4-Dinitrophenol	14.71	184	137717	80.676	ng		94
55) Dibenzofuran	14.99	168	633873	47.292	ng		96
56) 4-Nitrophenol	14.85	139	156900	78.281	ng		91
57) 2,4-Dinitrotoluene	14.96	165	177505	47.062	ng		96
58) Fluorene	15.65	166	534651	48.553	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	159684	48.656	ng		99
60) Diethylphthalate	15.42	149	561481	46.741	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	296706	47.087	ng		99
62) 4-Nitroaniline	15.67	138	123747	44.775	ng		95
63) Azobenzene	15.93	77	541437	48.338	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112058	47.094	ng		98
66) n-Nitrosodiphenylamine	15.85	169	478138	48.742	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	208600	47.151	ng		96
68) Hexachlorobenzene	16.66	284	231068	49.937	ng		97
69) Atrazine	16.81	200	192777	47.712	ng		97
70) Pentachlorophenol	17.01	266	249415	103.809	ng		99
71) Phenanthrene	17.39	178	889252	49.857	ng		99
72) Anthracene	17.48	178	909527	50.779	ng		98
73) Carbazole	17.75	167	838921	48.050	ng		99
74) Di-n-butylphthalate	18.31	149	1003989	47.910	ng		99
75) Fluoranthene	19.40	202	1116677	49.222	ng		99
77) Benzidine	19.58	184	246109	22.717	ng		98
78) Pyrene	19.76	202	1103439	50.182	ng		99
80) Butylbenzylphthalate	20.65	149	458289	48.286	ng		97
81) Benzo(a)anthracene	21.59	228	1071303	49.855	ng		98
82) 3,3'-Dichlorobenzidine	21.50	252	210642	24.990	ng		97
83) Chrysene	21.65	228	1016973	49.219	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	628429	48.167	ng		98
85) Di-n-octyl phthalate	22.68	149	1077338	48.078	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1332899	49.332	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1153607	50.591	ng		99
89) Benzo(k)fluoranthene	23.82	252	1066578	49.788	ng		100
90) Benzo(a)pyrene	24.61	252	1035652	48.768	ng		99
91) Dibenzo(a,h)anthracene	28.39	278	1092888	51.212	ng		97
92) Benzo(g,h,i)perylene	29.46	276	1104766	51.762	ng		98

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

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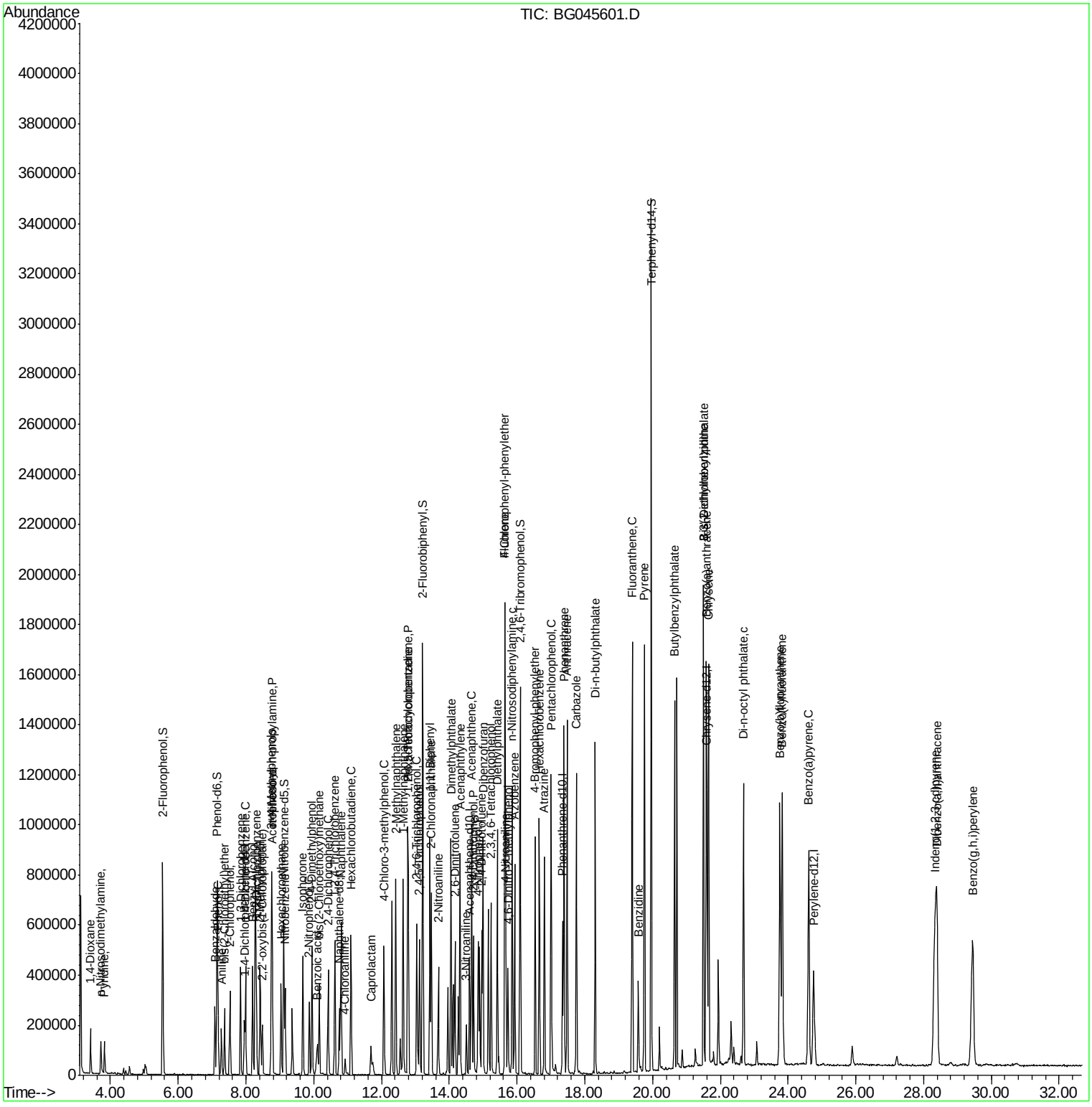
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