Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022685.D
Acq On : 28 Jun 2016 21:06
Operator : UM/SJ
Sample : PB91509BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91509BS

Quant Time: Jun 29 04:16:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	116505	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	499728	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	357577	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	974584	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1180912	20.00	ng		0.00
86) Perylene-d12	25.21	264	1185370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1012120	139.34	ng		0.00
7) Phenol-d6	7.31	99	1495324	146.05	ng		0.00
23) Nitrobenzene-d5	9.33	82	1038350	87.94	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	831955	147.92	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2004702	88.91	ng		0.00
78) Terphenyl-d14	20.15	244	3216320	72.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	106265	36.10	ng		96
3) Pyridine	3.98	79	334371	40.60	ng		94
4) n-Nitrosodimethylamine	3.89	42	180793	38.38	ng	#	95
6) Aniline	7.48	93	291396	21.47	ng		99
8) 2-Chlorophenol	7.72	128	362223	48.14	ng		100
9) Benzaldehyde	7.30	77	7335	2.04	ng	#	78
10) Phenol	7.33	94	545840	50.44	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	381888	42.87	ng		99
12) 1,3-Dichlorobenzene	8.05	146	392065	42.82	ng		97
13) 1,4-Dichlorobenzene	8.20	146	390083	42.50	ng		97
14) 1,2-Dichlorobenzene	8.52	146	383763	43.96	ng		95
15) Benzyl Alcohol	8.40	79	462385	48.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	407248	41.34	ng		99
17) 2-Methylphenol	8.60	107	348095	48.80	ng		97
18) Hexachloroethane	9.25	117	161939	42.62	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	360759	42.31	ng		96
20) 3+4-Methylphenols	8.93	107	477408	48.59	ng		97
22) Acetophenone	8.98	105	630833	43.67	ng	#	91
24) Nitrobenzene	9.37	77	555902	42.60	ng		94
25) Isophorone	9.89	82	953161	41.59	ng		99
26) 2-Nitrophenol	10.09	139	216801	46.12	ng		91
27) 2,4-Dimethylphenol	10.14	122	394916	43.97	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	546164	43.64	ng		98
29) 2,4-Dichlorophenol	10.63	162	432957	49.48	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	446617	42.99	ng		100
31) Naphthalene	11.03	128	1088318	43.33	ng		98
32) Benzoic acid	10.27	122	274980	46.96	ng		96
33) 4-Chloroaniline	11.15	127	83793	7.74	ng	#	91
34) Hexachlorobutadiene	11.31	225	351111	43.48	ng		94
35) Caprolactam	11.92	113	142594m	51.73	ng		
36) 4-Chloro-3-methylphenol	12.25	107	522530	48.65	ng		99
37) 2-Methylnaphthalene	12.63	142	849084	43.59	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	580179	42.98	ng		99
40) Hexachlorocyclopentadiene	12.97	237	796152	73.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	422188	48.77	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	440636	48.65	ng		98
45) 1,1'-Biphenyl	13.63	154	1196129	43.91	ng		99
46) 2-Chloronaphthalene	13.68	162	984319	43.92	ng		96
47) 2-Nitroaniline	13.88	65	402195	46.49	ng		96
48) Acenaphthylene	14.52	152	1432829	44.08	ng		98
49) Dimethylphthalate	14.24	163	1316977	44.40	ng		98
50) 2,6-Dinitrotoluene	14.37	165	306786	47.60	ng		88
51) Acenaphthene	14.86	154	958597	40.03	ng		97
52) 3-Nitroaniline	14.70	138	164935	27.35	ng		98
53) 2,4-Dinitrophenol	14.90	184	437320	110.15	ng		95
54) Dibenzofuran	15.19	168	1542661	44.47	ng		100
55) 4-Nitrophenol	15.00	139	509887	99.98	ng		95
56) 2,4-Dinitrotoluene	15.15	165	457091	51.19	ng		94
57) Fluorene	15.85	166	1267105	45.78	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	468073	49.84	ng	#	98
59) Diethylphthalate	15.61	149	1355356	44.44	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	754288	45.77	ng		95
61) 4-Nitroaniline	15.86	138	304725	48.97	ng		89
62) Azobenzene	16.13	77	1385200	41.94	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	323357	49.47	ng		92
65) n-Nitrosodiphenylamine	16.05	169	1209451	42.65	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	539940	42.71	ng		96
67) Hexachlorobenzene	16.85	284	569483	42.60	ng		98
68) Atrazine	17.00	200	503825	42.08	ng		99
69) Pentachlorophenol	17.20	266	843879	91.72	ng		96
70) Phenanthrene	17.60	178	2157068	43.40	ng		98
71) Anthracene	17.69	178	2153530	42.10	ng		98
72) Carbazole	17.96	167	1985025	45.78	ng		98
73) Di-n-butylphthalate	18.51	149	2270045	44.96	ng		97
74) Fluoranthene	19.60	202	2643640	46.17	ng		94
76) Benzidine	19.78	184	936328	74.47	ng		98
77) Pyrene	19.97	202	2676455	42.55	ng		95
79) Butylbenzylphthalate	20.84	149	1169754	42.96	ng		94
80) Benzo(a)anthracene	21.83	228	2887232	44.19	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	699301	25.91	ng		97
82) Chrysene	21.90	228	2734535	44.53	ng		92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1601270	41.77	ng		97
84) Di-n-octyl phthalate	22.98	149	2680471	42.42	ng		97
85) Indeno(1,2,3-cd)pyrene	29.07	276	3555757	44.07	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3174535	44.54	ng		97
88) Benzo(k)fluoranthene	24.21	252	3045683	45.20	ng	#	95
89) Benzo(a)pyrene	25.05	252	3134273	45.11	ng	#	97
90) Dibenzo(a,h)anthracene	29.13	278	2918330	44.61	ng	#	92
91) Benzo(g,h,i)perylene	30.27	276	2875462	43.18	ng		95

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

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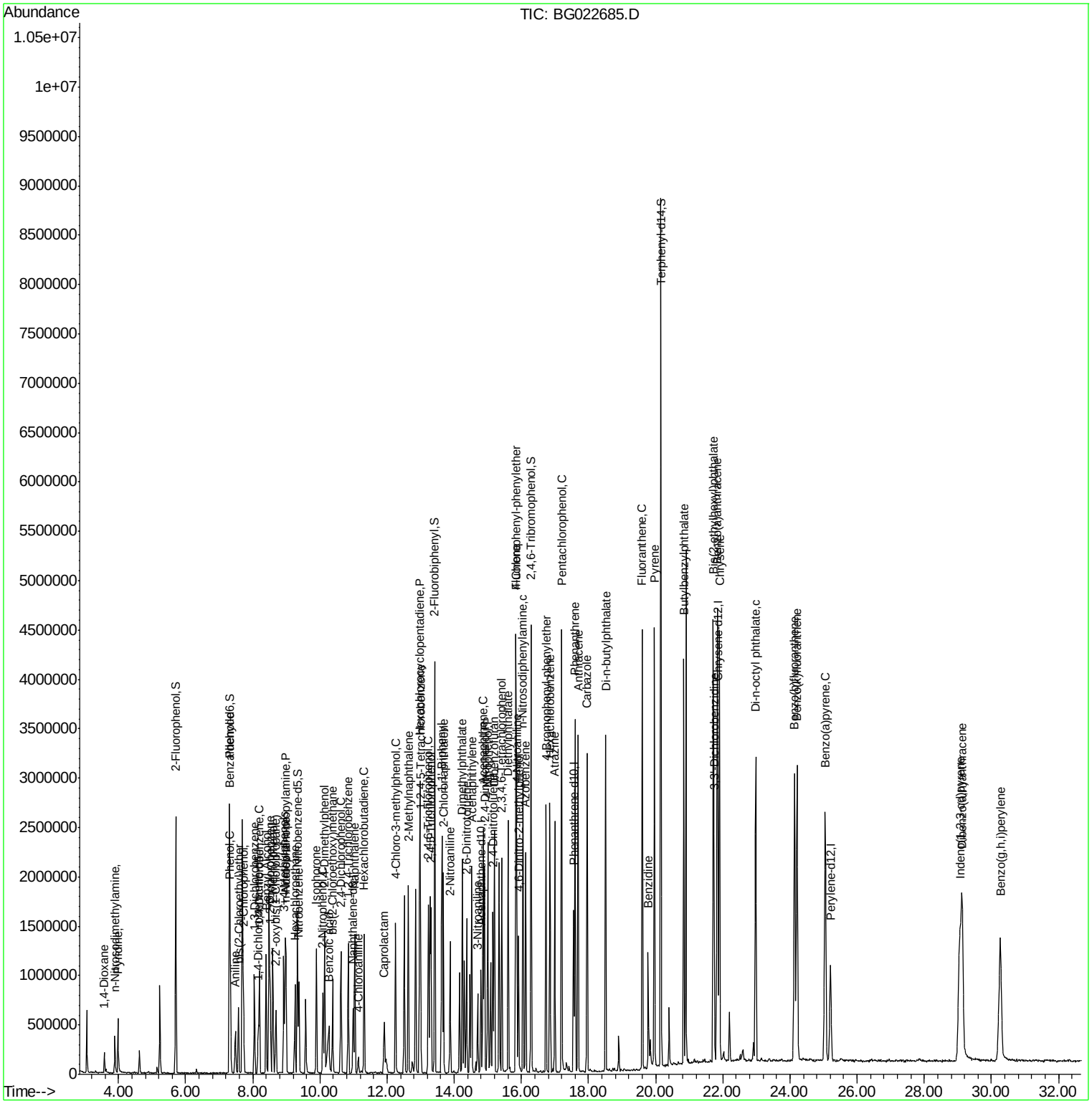
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