Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039023.D
Acq On : 9 Jan 2019 16:33
Operator : JU/SJ
Sample : PB116250BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Manual Integrations APPROVED
Sohil
1/10/2019 3:15:23 PM

Quant Time: Jan 10 04:33:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20815	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	91492	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	69757	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	185545	20.00	ng		0.00
76) Chrysene-d12	21.70	240	195452	20.00	ng		0.00
87) Perylene-d12	24.98	264	191239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	175757	160.18	ng		0.00
7) Phenol-d6	7.19	99	242527	153.58	ng		0.00
23) Nitrobenzene-d5	9.21	82	120524	72.08	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	157072	134.33	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	350016	68.67	ng		0.00
79) Terphenyl-d14	20.03	244	748621	70.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	14275	33.221	ng		95
3) Pyridine	3.86	79	38878	33.298	ng		95
4) n-Nitrosodimethylamine	3.78	42	24481	46.595	ng		89
6) Aniline	7.36	93	70729	37.295	ng		97
8) 2-Chlorophenol	7.59	128	64797	50.096	ng		97
9) Benzaldehyde	7.17	77	11778	12.933	ng		92
10) Phenol	7.22	94	82615	52.183	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	50268	41.543	ng		97
12) 1,3-Dichlorobenzene	7.91	146	61769	39.858	ng		97
13) 1,4-Dichlorobenzene	8.06	146	64192	40.900	ng		97
14) 1,2-Dichlorobenzene	8.38	146	62779	41.952	ng		96
15) Benzyl Alcohol	8.28	79	56938	47.879	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99628	42.939	ng		98
17) 2-Methylphenol	8.48	107	56069	51.003	ng		95
18) Hexachloroethane	9.10	117	22462	42.126	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	45081	43.474	ng	#	97
20) 3+4-Methylphenols	8.80	107	78227	49.910	ng		98
22) Acetophenone	8.86	105	92455	38.695	ng	#	96
24) Nitrobenzene	9.25	77	69381	41.053	ng		98
25) Isophorone	9.76	82	136588	47.424	ng		99
26) 2-Nitrophenol	9.96	139	38949	42.608	ng		97
27) 2,4-Dimethylphenol	10.01	122	70002	54.431	ng		91
28) bis(2-Chloroethoxy)methane	10.25	93	76499	44.194	ng		99
29) 2,4-Dichlorophenol	10.50	162	76520	47.894	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	76387	39.791	ng		95
31) Naphthalene	10.90	128	201604	43.935	ng		99
32) Benzoic acid	10.18	122	32622	42.573	ng		98
33) 4-Chloroaniline	11.01	127	66202	32.242	ng		99
34) Hexachlorobutadiene	11.16	225	50422	38.172	ng		96
35) Caprolactam	11.80	113	27050m	42.221	ng		
36) 4-Chloro-3-methylphenol	12.13	107	80310	46.997	ng		96
37) 2-Methylnaphthalene	12.50	142	162352	47.191	ng		98
38) 1-Methylnaphthalene	12.72	142	154804m	46.879	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	101967	38.922	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119776	81.094	ng		100
43) 2,4,6-Trichlorophenol	13.11	196	72900	44.213	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	76864	44.107	ng		99
46) 1,1'-Biphenyl	13.51	154	220204	39.839	ng		99
47) 2-Chloronaphthalene	13.55	162	182725	40.851	ng		99
48) 2-Nitroaniline	13.77	65	54323	43.351	ng		92
49) Acenaphthylene	14.40	152	297316	44.223	ng		100
50) Dimethylphthalate	14.12	163	252644	42.859	ng		98
51) 2,6-Dinitrotoluene	14.26	165	57705	43.785	ng		96
52) Acenaphthene	14.74	154	171115	42.362	ng		96
53) 3-Nitroaniline	14.59	138	43060	32.208	ng		95
54) 2,4-Dinitrophenol	14.80	184	77592	97.230	ng		98
55) Dibenzofuran	15.07	168	301706	42.291	ng		98
56) 4-Nitrophenol	14.90	139	88960	92.477	ng		97
57) 2,4-Dinitrotoluene	15.04	165	83768	44.303	ng	#	97
58) Fluorene	15.72	166	240557	44.797	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	79924	48.585	ng		97
60) Diethylphthalate	15.48	149	260798	42.941	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	138383	40.904	ng		99
62) 4-Nitroaniline	15.76	138	57437	41.240	ng		96
63) Azobenzene	16.00	77	197099	41.498	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	58059	42.236	ng		94
66) n-Nitrosodiphenylamine	15.93	169	227168	41.300	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	95759	40.149	ng		99
68) Hexachlorobenzene	16.72	284	102757	39.483	ng		98
69) Atrazine	16.87	200	94768	40.556	ng		95
70) Pentachlorophenol	17.07	266	114467	71.825	ng		99
71) Phenanthrene	17.47	178	428439	43.686	ng		99
72) Anthracene	17.56	178	435108	44.871	ng		99
73) Carbazole	17.84	167	391281	40.875	ng		99
74) Di-n-butylphthalate	18.36	149	456963	42.911	ng		99
75) Fluoranthene	19.47	202	544925	44.820	ng		99
77) Benzidine	19.66	184	198529	33.209	ng		99
78) Pyrene	19.84	202	540980	43.432	ng		98
80) Butylbenzylphthalate	20.70	149	203224	42.897	ng		99
81) Benzo(a)anthracene	21.68	228	531112	44.638	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	165338	34.106	ng		99
83) Chrysene	21.75	228	491969	43.475	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	284427	43.239	ng		96
85) Di-n-octyl phthalate	22.76	149	487847	43.860	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	619276	45.799	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	541183	51.322	ng		100
89) Benzo(k)fluoranthene	24.00	252	509495	48.868	ng		97
90) Benzo(a)pyrene	24.83	252	522526	51.266	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	513655	50.666	ng		100
92) Benzo(g,h,i)perylene	29.94	276	507599	50.575	ng		97

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

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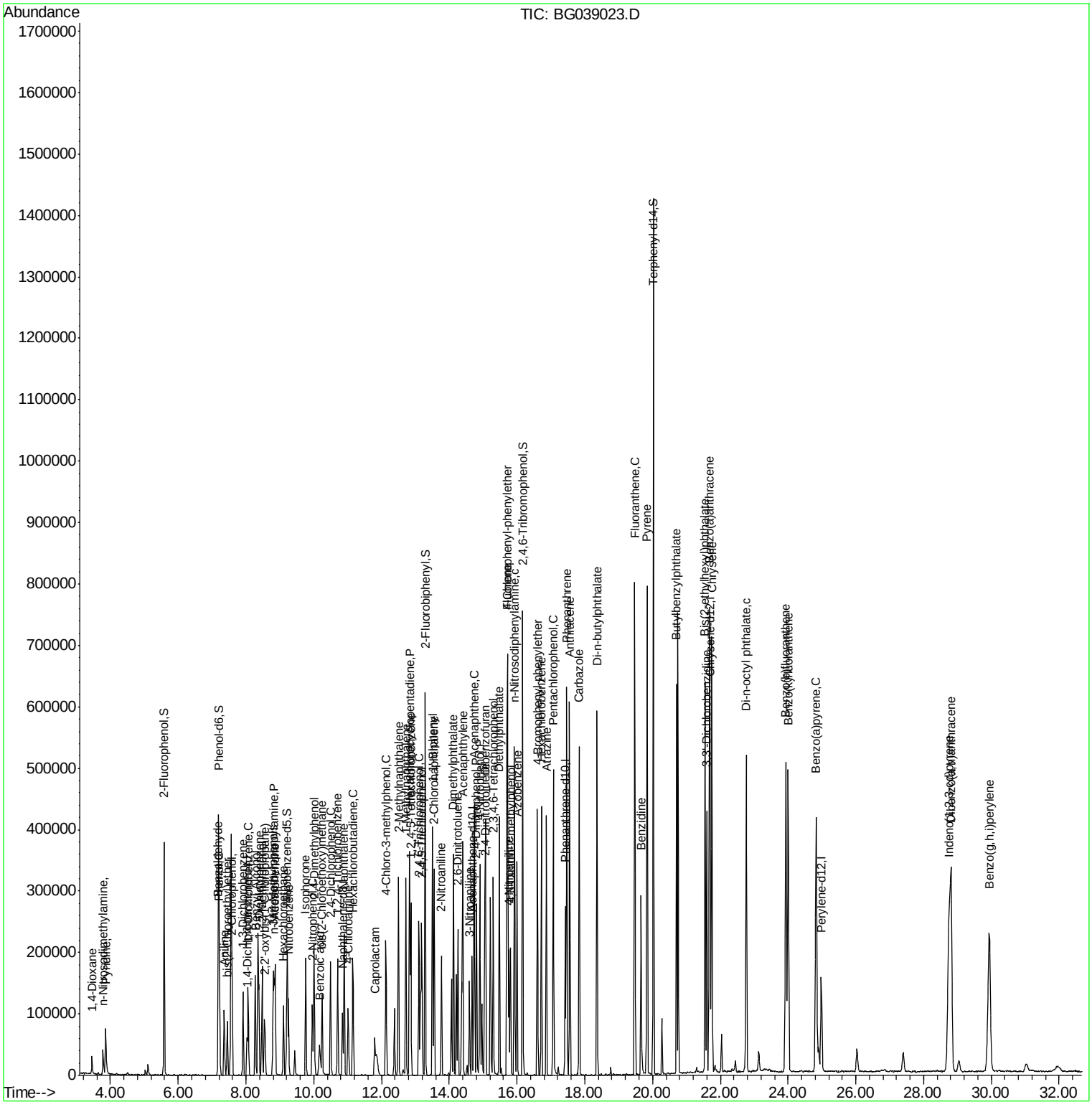
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