Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085835.D
Acq On : 29 Mar 2016 7:05
Operator : UM/SJ
Sample : H1905-07MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10AMS

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:43 PM

Quant Time: Mar 29 07:36:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	117911	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	483486	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	207108	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	370654	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	226873	20.00	ng		0.00
86) Perylene-d12	15.40	264	208535	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	812925	114.82	ng		0.02
7) Phenol-d6	6.46	99	1043884	115.97	ng		0.00
23) Nitrobenzene-d5	7.38	82	712108	82.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	298597	151.74	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1201986	96.96	ng		-0.01
78) Terphenyl-d14	12.93	244	1143863	103.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	120727	35.71	ng		97
3) Pyridine	3.25	79	238211	29.39	ng		99
4) n-Nitrosodimethylamine	3.18	42	149186	45.98	ng		97
6) Aniline	6.49	93	89798	7.41	ng	#	84
8) 2-Chlorophenol	6.61	128	351120	42.68	ng		98
10) Phenol	6.47	94	338599	33.20	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	353499	45.04	ng		95
12) 1,3-Dichlorobenzene	6.76	146	364033	41.10	ng	#	94
13) 1,4-Dichlorobenzene	6.84	146	376522	41.91	ng		95
14) 1,2-Dichlorobenzene	6.98	146	326917	39.05	ng		95
15) Benzyl Alcohol	6.96	79	251431	41.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	404193	38.82	ng		91
17) 2-Methylphenol	7.09	107	282977	42.97	ng		96
18) Hexachloroethane	7.33	117	135735	41.26	ng		90
19) n-Nitroso-di-n-propylamine	7.24	70	218639	40.56	ng		93
20) 3+4-Methylphenols	7.24	107	347482	43.89	ng		93
22) Acetophenone	7.24	105	477322	42.38	ng	#	94
24) Nitrobenzene	7.41	77	403624	45.60	ng		92
25) Isophorone	7.65	82	704257	42.58	ng		96
26) 2-Nitrophenol	7.73	139	188069	42.48	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	310936	40.18	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	408402	43.34	ng		98
29) 2,4-Dichlorophenol	7.97	162	290708	44.68	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	310093	42.93	ng		96
31) Naphthalene	8.13	128	1284450	52.72	ng		99
32) Benzoic acid	7.90	122	185532	36.10	ng		99
33) 4-Chloroaniline	8.18	127	38643	3.89	ng	#	95
34) Hexachlorobutadiene	8.24	225	162433	41.38	ng		98
35) Caprolactam	8.55	113	77217m	33.51	ng		
36) 4-Chloro-3-methylphenol	8.68	107	321271	42.27	ng		91
37) 2-Methylnaphthalene	8.81	142	656618	46.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	275847	44.91	ng		99
40) Hexachlorocyclopentadiene	8.97	237	174204	69.43	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	186349	44.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	186484	42.87	ng	#	78
45) 1,1'-Biphenyl	9.28	154	765848	43.82	ng		98
46) 2-Chloronaphthalene	9.30	162	563610	43.86	ng		92
47) 2-Nitroaniline	9.41	65	186734	47.52	ng		97
48) Acenaphthylene	9.72	152	933513	44.58	ng		100
49) Dimethylphthalate	9.59	163	760019	48.37	ng		99
50) 2,6-Dinitrotoluene	9.65	165	143592	42.46	ng		100
51) Acenaphthene	9.89	154	555815	43.46	ng		99
52) 3-Nitroaniline	9.82	138	39443	10.19	ng		93
53) 2,4-Dinitrophenol	9.93	184	135054	79.11	ng	#	77
54) Dibenzofuran	10.07	168	851108	51.41	ng		96
55) 4-Nitrophenol	9.99	139	185209	73.43	ng		95
56) 2,4-Dinitrotoluene	10.06	165	215773	50.19	ng	#	75
57) Fluorene	10.40	166	601585	43.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	154411	51.07	ng		97
59) Diethylphthalate	10.29	149	767737	49.45	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	315739	46.93	ng	#	85
61) 4-Nitroaniline	10.44	138	144581	39.05	ng		97
62) Azobenzene	10.56	77	765936	51.34	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	89081	41.04	ng	#	55
65) n-Nitrosodiphenylamine	10.52	169	509322	43.38	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	177376	46.78	ng	#	82
67) Hexachlorobenzene	10.95	284	182370	45.99	ng	#	67
68) Atrazine	11.04	200	110795	27.95	ng		96
69) Pentachlorophenol	11.16	266	184520	94.78	ng		98
70) Phenanthrene	11.36	178	892044	46.87	ng		99
71) Anthracene	11.42	178	950517	47.57	ng		99
72) Carbazole	11.58	167	793219	47.29	ng		98
73) Di-n-butylphthalate	11.90	149	1069903	46.48	ng		99
74) Fluoranthene	12.55	202	817902	40.43	ng		96
77) Pyrene	12.78	202	806494	43.25	ng		98
79) Butylbenzylphthalate	13.40	149	393272	50.36	ng	#	80
80) Benzo(a)anthracene	13.97	228	667200	51.58	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	38885	4.33	ng	#	95
82) Chrysene	14.00	228	496950	38.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	501330	53.61	ng	#	96
84) Di-n-octyl phthalate	14.56	149	768829	55.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	604646	60.09	ng		99
87) Benzo(b)fluoranthene	14.99	252	673679m	51.28	ng		
88) Benzo(k)fluoranthene	15.02	252	440243m	37.17	ng		
89) Benzo(a)pyrene	15.34	252	547054	46.90	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	512145	47.26	ng		99
91) Benzo(g,h,i)perylene	17.20	276	492945	44.92	ng	#	93

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

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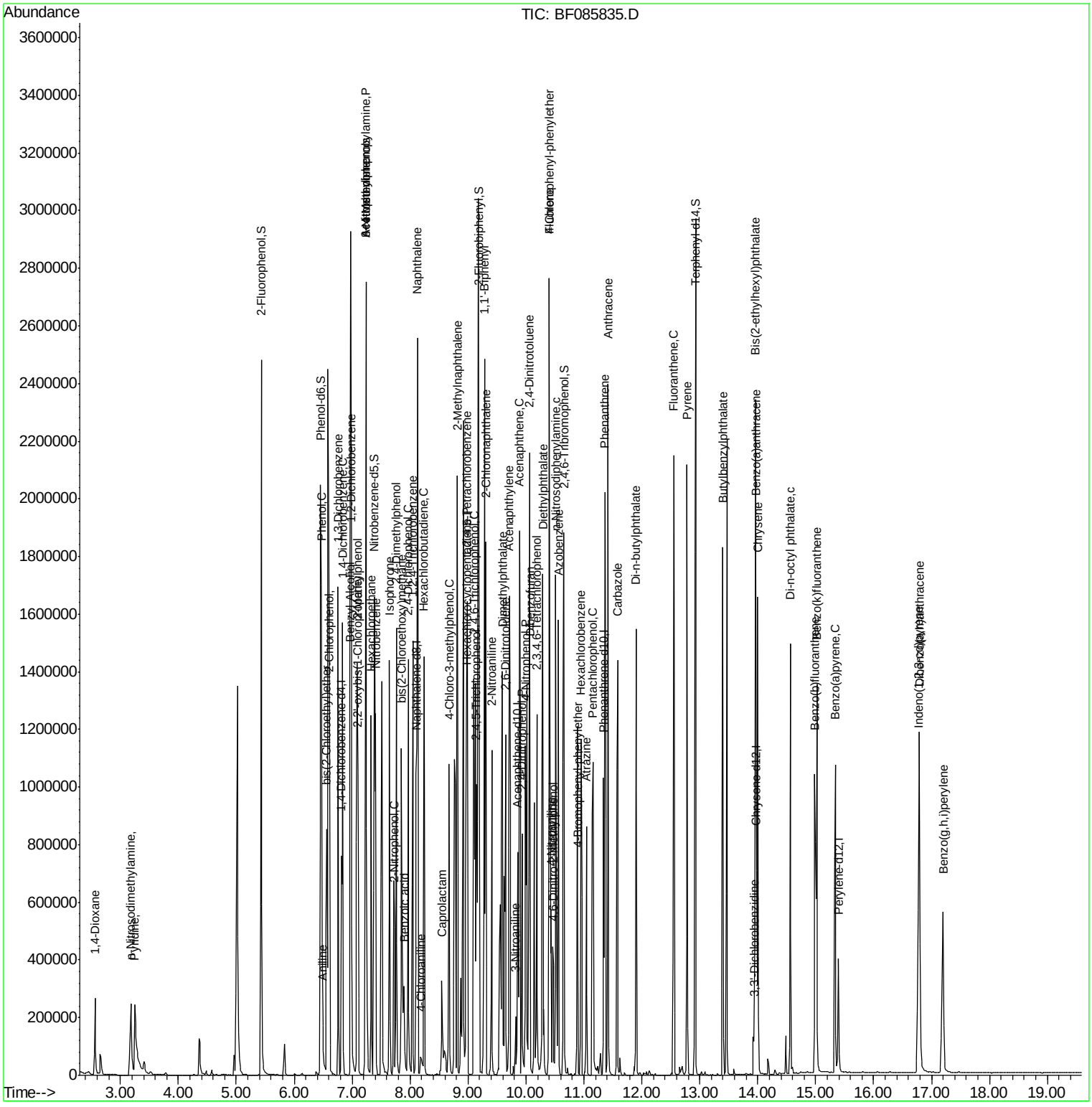
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