Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085705.D
Acq On : 24 Mar 2016 9:55
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:02 PM

Quant Time: Mar 24 14:06:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 11:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111905	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	426723	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	219263	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	406409	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	341507	20.00	ng		0.00
86) Perylene-d12	15.40	264	234798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	35618	5.35	ng		0.01
7) Phenol-d6	6.45	99	48714	5.70	ng		-0.01
23) Nitrobenzene-d5	7.38	82	47178	6.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	9595	4.47	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.93	244	85209	6.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	8904	2.75	ng		96
4) n-Nitrosodimethylamine	3.10	42	7372	2.22	ng	#	91
6) Aniline	6.48	93	31980	2.79	ng		98
8) 2-Chlorophenol	6.61	128	20736	2.69	ng		97
9) Benzaldehyde	6.37	77	13868	3.23	ng		96
10) Phenol	6.47	94	26429	2.72	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	21360	2.91	ng		94
12) 1,3-Dichlorobenzene	6.77	146	22595	2.69	ng		98
13) 1,4-Dichlorobenzene	6.84	146	23663	2.76	ng		94
14) 1,2-Dichlorobenzene	7.00	146	23157	3.04	ng		99
15) Benzyl Alcohol	6.97	79	15399	2.63	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	28068	2.91	ng		95
17) 2-Methylphenol	7.08	107	15910	2.49	ng	#	91
18) Hexachloroethane	7.34	117	8425	2.72	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	14223	2.79	ng		95
20) 3+4-Methylphenols	7.24	107	22381	3.02	ng	#	69
24) Nitrobenzene	7.41	77	22635	2.81	ng		94
25) Isophorone	7.65	82	42019	2.85	ng		96
26) 2-Nitrophenol	7.73	139	10462	2.63	ng		91
27) 2,4-Dimethylphenol	7.76	122	19292	2.74	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	23082	2.76	ng		98
29) 2,4-Dichlorophenol	7.98	162	15676	2.70	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	18141	2.79	ng		98
31) Naphthalene	8.13	128	68486	3.18	ng		98
33) 4-Chloroaniline	8.18	127	26200	2.97	ng		97
34) Hexachlorobutadiene	8.25	225	10617	3.06	ng		99
35) Caprolactam	8.52	113	5123	2.56	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	19859	2.93	ng		98
37) 2-Methylnaphthalene	8.82	142	42981	3.27	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	17128	2.58	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	11645	2.56	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	11776	2.54	ng	#	90
45) 1,1'-Biphenyl	9.28	154	56610	2.99	ng		94
46) 2-Chloronaphthalene	9.30	162	37353	2.70	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.41	65	10108	2.42	ng		97
48) Acenaphthylene	9.72	152	63232	2.83	ng		99
49) Dimethylphthalate	9.58	163	49184	2.97	ng		99
50) 2,6-Dinitrotoluene	9.65	165	9153	2.62	ng	#	83
51) Acenaphthene	9.90	154	37778	2.69	ng		98
52) 3-Nitroaniline	9.82	138	10099	2.31	ng		94
54) Dibenzofuran	10.07	168	50949	2.98	ng		96
56) 2,4-Dinitrotoluene	10.05	165	10820	2.37	ng	#	28
57) Fluorene	10.40	166	43799	3.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	7811	2.34	ng	#	97
59) Diethylphthalate	10.28	149	46832	2.85	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	21580	3.10	ng		98
61) 4-Nitroaniline	10.42	138	9990	2.32	ng		95
62) Azobenzene	10.56	77	45111	2.86	ng		93
65) n-Nitrosodiphenylamine	10.52	169	40634	3.21	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	11652	2.87	ng		92
67) Hexachlorobenzene	10.95	284	11682	2.71	ng	#	51
68) Atrazine	11.04	200	12862	3.34	ng		98
73) Di-n-butylphthalate	11.91	149	71331	2.94	ng		98
74) Fluoranthene	12.55	202	70140	3.13	ng		95
76) Benzidine	12.68	184	25232	2.20	ng		99
77) Pyrene	12.78	202	74837	3.05	ng		99
79) Butylbenzylphthalate	13.40	149	27889	2.39	ng	#	70
80) Benzo(a)anthracene	13.97	228	53852	2.72	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	33389	4.60	ng	#	97
82) Chrysene	14.00	228	53406m	2.80	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	36031	2.48	ng		100
84) Di-n-octyl phthalate	14.57	149	48392	2.04	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.77	276	33675	2.11	ng		99
87) Benzo(b)fluoranthene	14.99	252	36234m	2.37	ng		
88) Benzo(k)fluoranthene	15.02	252	41620m	3.30	ng		
89) Benzo(a)pyrene	15.34	252	34390	2.65	ng	#	96
90) Dibenzo(a,h)anthracene	16.78	278	27516	2.54	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	28489	2.72	ng		95

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

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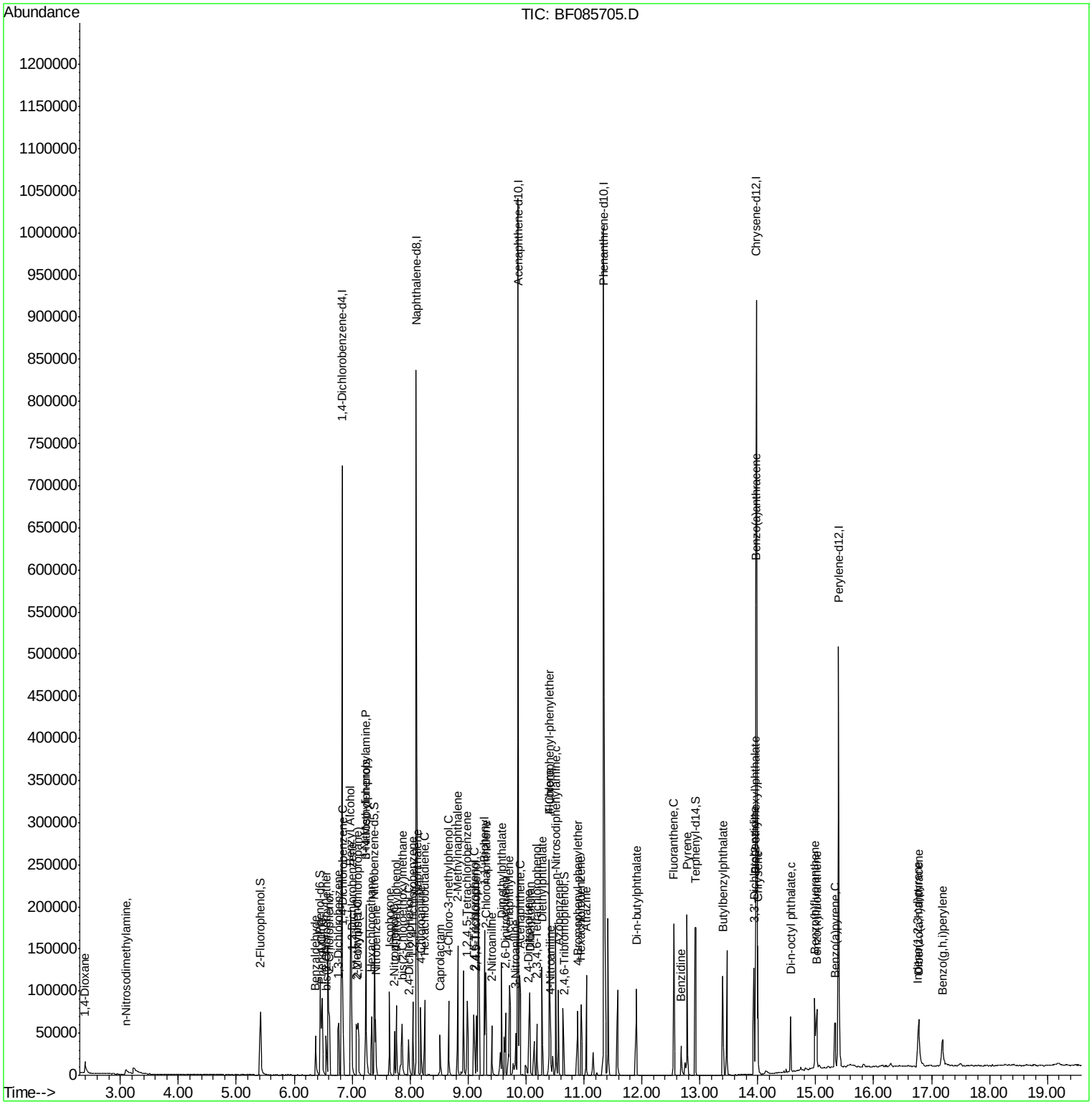
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