Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089679.D
Acq On : 9 Aug 2016 3:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
8/9/2016 6:18:57 PM

Quant Time: Aug 09 07:05:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	50537	20.00	ng		-0.02
21) Naphthalene-d8	9.45	136	219104	20.00	ng		-0.02
38) Acenaphthene-d10	12.27	164	95986	20.00	ng		-0.02
63) Phenanthrene-d10	14.66	188	162495	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	106468	20.00	ng		-0.02
86) Perylene-d12	20.02	264	110681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	249379	82.71	ng		-0.02
7) Phenol-d6	6.97	99	331672	81.09	ng		-0.01
23) Nitrobenzene-d5	8.34	82	299395	75.58	ng		-0.02
41) 2,4,6-Tribromophenol	13.57	330	55313	69.83	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	540172	73.14	ng		-0.02
78) Terphenyl-d14	17.03	244	332678	61.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	54073	31.28	ng		97
3) Pyridine	2.27	79	130468	41.08	ng		99
4) n-Nitrosodimethylamine	2.24	42	50283	37.70	ng		91
6) Aniline	6.91	93	196955	37.16	ng		100
8) 2-Chlorophenol	7.10	128	146089	39.46	ng		98
9) Benzaldehyde	6.73	77	74823	50.42	ng		97
10) Phenol	6.98	94	169543	40.37	ng		92
11) bis(2-Chloroethyl)ether	7.07	93	139026	38.53	ng		99
12) 1,3-Dichlorobenzene	7.32	146	151141	37.59	ng		99
13) 1,4-Dichlorobenzene	7.45	146	152185	37.95	ng		100
14) 1,2-Dichlorobenzene	7.68	146	147599	34.92	ng		99
15) Benzyl Alcohol	7.71	79	108657	40.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	175315	38.16	ng	#	61
17) 2-Methylphenol	7.93	107	108293	40.51	ng		98
18) Hexachloroethane	8.20	117	58475	34.60	ng		99
19) n-Nitroso-di-n-propylamine	8.15	70	108288	36.65	ng		97
20) 3+4-Methylphenols	8.19	107	138780	41.12	ng		97
22) Acetophenone	8.11	105	193294	37.01	ng		97
24) Nitrobenzene	8.36	77	157280	41.80	ng		99
25) Isophorone	8.76	82	289951	38.23	ng		100
26) 2-Nitrophenol	8.88	139	69388	40.19	ng		88
27) 2,4-Dimethylphenol	9.02	122	119537	38.51	ng		98
28) bis(2-Chloroethoxy)methane	9.15	93	166487	36.28	ng		100
29) 2,4-Dichlorophenol	9.29	162	108506	36.94	ng		97
30) 1,2,4-Trichlorobenzene	9.38	180	123304	36.76	ng		100
31) Naphthalene	9.48	128	416945	35.80	ng		100
32) Benzoic acid	9.32	122	40777	20.91	ng		97
33) 4-Chloroaniline	9.63	127	157988	36.12	ng		95
34) Hexachlorobutadiene	9.71	225	67996	35.20	ng		98
35) Caprolactam	10.26	113	32039	37.43	ng		98
36) 4-Chloro-3-methylphenol	10.48	107	126737	37.12	ng		91
37) 2-Methylnaphthalene	10.62	142	257930	36.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	138078	38.27	ng		99
40) Hexachlorocyclopentadiene	10.87	237	16988	21.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	69177	38.88	ng		98
43) 2,4,5-Trichlorophenol	11.19	196	74752	39.31	ng		98
45) 1,1'-Biphenyl	11.38	154	330249	38.15	ng		100
46) 2-Chloronaphthalene	11.39	162	244425	37.66	ng		99
47) 2-Nitroaniline	11.61	65	75423	36.05	ng	#	83
48) Acenaphthylene	12.05	152	397316	37.17	ng		100
49) Dimethylphthalate	11.94	163	301770	40.11	ng		100
50) 2,6-Dinitrotoluene	12.02	165	60506	40.45	ng	#	86
51) Acenaphthene	12.33	154	225199	36.47	ng		99
52) 3-Nitroaniline	12.29	138	64304	35.94	ng		99
53) 2,4-Dinitrophenol	12.55	184	3500	12.04	ng	#	83
54) Dibenzofuran	12.62	168	312985	36.87	ng		99
55) 4-Nitrophenol	12.69	139	25497m	25.77	ng		
56) 2,4-Dinitrotoluene	12.69	165	80997	38.50	ng	#	84
57) Fluorene	13.17	166	263809	36.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.85	232	49409	34.22	ng		97
59) Diethylphthalate	13.09	149	308135	39.60	ng		100
60) 4-Chlorophenyl-phenylether	13.20	204	127165	38.22	ng		98
61) 4-Nitroaniline	13.29	138	57415	35.69	ng		98
62) Azobenzene	13.45	77	282603	37.55	ng		93
64) 4,6-Dinitro-2-methylphenol	13.35	198	16383	19.99	ng		89
65) n-Nitrosodiphenylamine	13.41	169	222196	40.49	ng		100
66) 4-Bromophenyl-phenylether	13.98	248	66720	42.45	ng	#	80
67) Hexachlorobenzene	14.05	284	64678	37.41	ng		96
68) Atrazine	14.33	200	68100	44.44	ng		99
69) Pentachlorophenol	14.40	266	20310	30.15	ng		97
70) Phenanthrene	14.71	178	328808	37.21	ng		99
71) Anthracene	14.79	178	349325	36.88	ng		99
72) Carbazole	15.09	167	291168	36.88	ng		99
73) Di-n-butylphthalate	15.68	149	445353	41.71	ng		100
74) Fluoranthene	16.47	202	292162	32.17	ng		98
76) Benzidine	16.71	184	122070	37.82	ng		99
77) Pyrene	16.77	202	290317	30.84	ng		99
79) Butylbenzylphthalate	17.70	149	146345	36.53	ng		98
80) Benzo(a)anthracene	18.35	228	224403	36.68	ng		99
81) 3,3'-Dichlorobenzidine	18.34	252	86909	45.09	ng		96
82) Chrysene	18.40	228	242342	37.76	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	208220	37.54	ng		100
84) Di-n-octyl phthalate	19.22	149	338920	42.47	ng		98
85) Indeno(1,2,3-cd)pyrene	21.20	276	227241	46.63	ng		99
87) Benzo(b)fluoranthene	19.62	252	225650m	33.15	ng		
88) Benzo(k)fluoranthene	19.66	252	250102m	36.42	ng		
89) Benzo(a)pyrene	19.97	252	231666	36.35	ng	#	96
90) Dibenzo(a,h)anthracene	21.21	278	195182	32.78	ng		99
91) Benzo(g,h,i)perylene	21.53	276	178692	29.32	ng		98

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

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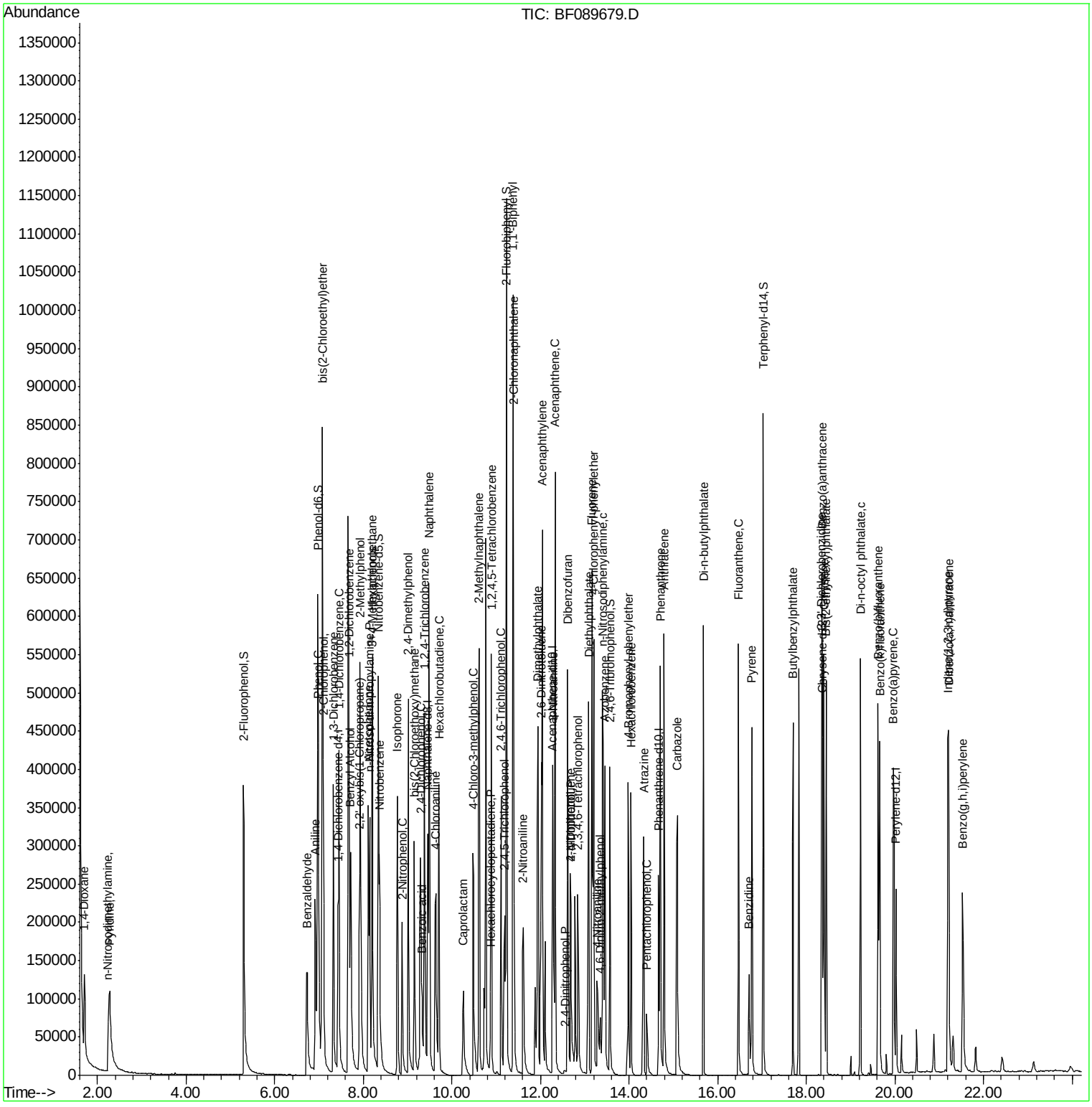
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