Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079582.D
Acq On : 30 May 2015 3:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
6/1/2015 4:21:53 PM

Quant Time: Jun 01 12:00:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80025	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	329432	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	158555	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	280018	20.00	ng		0.00
75) Chrysene-d12	15.79	240	255762	20.00	ng		-0.08
86) Perylene-d12	17.46	264	253216m	20.00	ng		-0.34
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	379104	82.17	ng		-0.01
7) Phenol-d6	6.55	99	486360	82.70	ng		0.00
23) Nitrobenzene-d5	7.66	82	484763	85.06	ng		0.00
41) 2,4,6-Tribromophenol	11.67	330	142639	81.90	ng		-0.01
44) 2-Fluorobiphenyl	9.87	172	894553	80.49	ng		-0.01
78) Terphenyl-d14	14.51	244	894792	82.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	101576	46.28	ng	#	100
3) Pyridine	2.39	79	231415	47.88	ng		99
4) n-Nitrosodimethylamine	2.33	42	96379	40.50	ng		100
6) Aniline	6.54	93	341248	40.88	ng		98
8) 2-Chlorophenol	6.68	128	224676	41.83	ng		99
9) Benzaldehyde	6.40	77	137032	42.29	ng		99
10) Phenol	6.56	94	282157	40.75	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	213016	42.53	ng		95
12) 1,3-Dichlorobenzene	6.87	146	245185	41.20	ng		98
13) 1,4-Dichlorobenzene	6.97	146	250795	41.32	ng		99
14) 1,2-Dichlorobenzene	7.15	146	232289	41.20	ng		99
15) Benzyl Alcohol	7.15	79	183564	42.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.32	45	291699	39.79	ng		95
17) 2-Methylphenol	7.31	107	175586	41.61	ng		99
18) Hexachloroethane	7.56	117	86274	41.29	ng		93
19) n-Nitroso-di-n-propylamine	7.48	70	166885	40.33	ng	#	93
20) 3+4-Methylphenols	7.51	107	232619	40.12	ng		96
22) Acetophenone	7.47	105	304814	41.30	ng	#	93
24) Nitrobenzene	7.68	77	233980	41.66	ng	#	82
25) Isophorone	7.98	82	425780	40.99	ng		95
26) 2-Nitrophenol	8.07	139	117749	44.28	ng	#	88
27) 2,4-Dimethylphenol	8.15	122	193227	40.42	ng		95
28) bis(2-Chloroethoxy)methane	8.26	93	261436	40.61	ng		98
29) 2,4-Dichlorophenol	8.38	162	190220	43.44	ng		98
30) 1,2,4-Trichlorobenzene	8.47	180	192071	42.29	ng		94
31) Naphthalene	8.56	128	636938	40.29	ng		98
32) Benzoic acid	8.30	122	116781	39.37	ng		97
33) 4-Chloroaniline	8.64	127	277207	41.97	ng		95
34) Hexachlorobutadiene	8.71	225	108726	42.08	ng		98
35) Caprolactam	9.08	113	52471	38.00	ng	#	85
36) 4-Chloro-3-methylphenol	9.27	107	191765	42.22	ng	#	87
37) 2-Methylnaphthalene	9.42	142	464243	42.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	189105	42.64	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	31681	35.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	125259	40.45	ng		96
43) 2,4,5-Trichlorophenol	9.83	196	131971	42.81	ng		96
45) 1,1'-Biphenyl	10.00	154	516767	41.73	ng		99
46) 2-Chloronaphthalene	10.01	162	394860	40.37	ng		98
47) 2-Nitroaniline	10.16	65	117332	40.35	ng	#	55
48) Acenaphthylene	10.51	152	665675	41.00	ng		99
49) Dimethylphthalate	10.40	163	459154	39.30	ng	#	98
50) 2,6-Dinitrotoluene	10.47	165	100114	42.89	ng	#	76
51) Acenaphthene	10.73	154	367837	39.62	ng		100
52) 3-Nitroaniline	10.67	138	118583	39.06	ng	#	71
53) 2,4-Dinitrophenol	10.82	184	20291	32.87	ng	#	88
54) Dibenzofuran	10.95	168	547505	39.99	ng		99
55) 4-Nitrophenol	10.91	139	77721m	46.16	ng		
56) 2,4-Dinitrotoluene	10.97	165	128435	41.03	ng	#	70
57) Fluorene	11.37	166	464508	41.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.11	232	94026	41.91	ng	#	100
59) Diethylphthalate	11.27	149	457323	39.99	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	199979	41.01	ng		95
61) 4-Nitroaniline	11.43	138	112343	39.72	ng		80
62) Azobenzene	11.58	77	414257	37.24	ng		98
64) 4,6-Dinitro-2-methylphenol	11.47	198	49290	36.74	ng	#	70
65) n-Nitrosodiphenylamine	11.53	169	395395	42.51	ng		98
66) 4-Bromophenyl-phenylether	11.99	248	126987	44.04	ng		94
67) Hexachlorobenzene	12.05	284	143818	43.74	ng	#	92
68) Atrazine	12.22	200	107592	42.82	ng		98
69) Pentachlorophenol	12.31	266	42678	33.89	ng		96
70) Phenanthrene	12.55	178	633429	41.23	ng		99
71) Anthracene	12.62	178	625611	40.11	ng		99
72) Carbazole	12.83	167	597127	39.77	ng		99
73) Di-n-butylphthalate	13.29	149	730392	43.43	ng		99
74) Fluoranthene	14.02	202	637617	38.70	ng		98
76) Benzidine	14.22	184	308335	56.28	ng		99
77) Pyrene	14.30	202	653484	41.24	ng		100
79) Butylbenzylphthalate	15.14	149	301079	42.25	ng	#	83
80) Benzo(a)anthracene	15.78	228	578729	39.33	ng		99
81) 3,3'-Dichlorobenzidine	15.77	252	216975	40.27	ng		99
82) Chrysene	15.83	228	561896	40.18	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	422636	41.40	ng		99
84) Di-n-octyl phthalate	16.63	149	732152	41.21	ng		100
85) Indeno(1,2,3-cd)pyrene	18.73	276	722599m	40.17	ng		
87) Benzo(b)fluoranthene	17.04	252	567329m	39.28	ng		
88) Benzo(k)fluoranthene	17.07	252	592418m	45.87	ng		
89) Benzo(a)pyrene	17.41	252	555321m	43.80	ng		
90) Dibenzo(a,h)anthracene	18.75	278	588980m	44.43	ng		
91) Benzo(g,h,i)perylene	19.11	276	591204m	44.67	ng		

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

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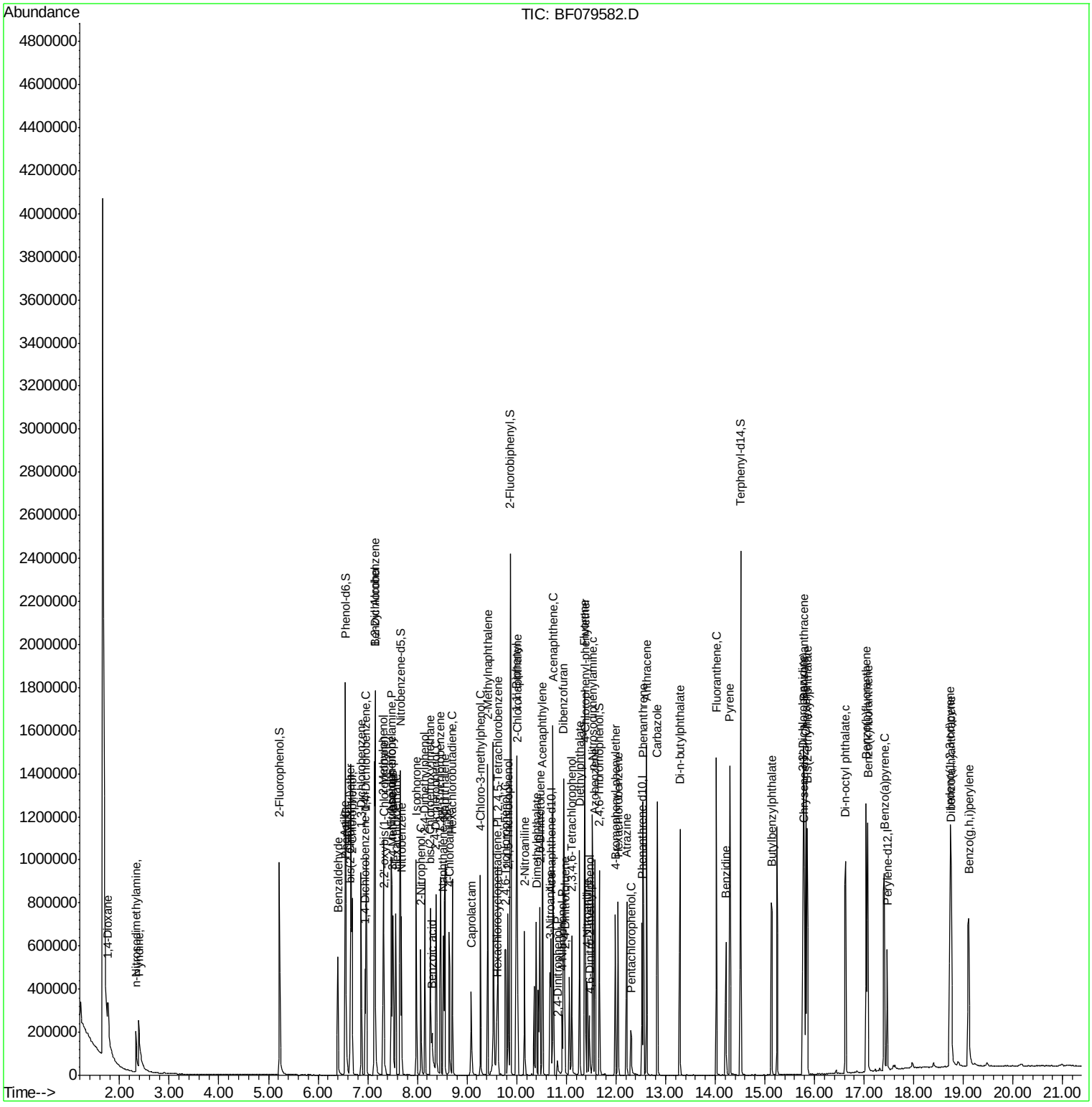
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