Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
Data File : BF077377.D
Acq On : 19 Feb 2015 16:11
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Manual Integrations APPROVED
apatel
2/20/2015 2:04:33 PM

Quant Time: Feb 19 17:12:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 16:57:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69185	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	286536	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	162153	20.00	ng		-0.01
63) Phenanthrene-d10	12.93	188	301366	20.00	ng		0.00
75) Chrysene-d12	16.23	240	333326	20.00	ng		0.00
86) Perylene-d12	17.96	264	325399	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	333045	80.36	ng		0.00
7) Phenol-d6	6.88	99	415010	77.89	ng		0.00
23) Nitrobenzene-d5	8.02	82	372240	80.78	ng		-0.01
41) 2,4,6-Tribromophenol	12.07	330	127676	81.77	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	874373	84.08	ng		0.00
78) Terphenyl-d14	14.93	244	1185482	83.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	70032	39.82	ng		96
3) Pyridine	3.04	79	207997	41.34	ng		96
4) n-Nitrosodimethylamine	2.96	42	86397	39.50	ng		98
6) Aniline	6.92	93	306994	41.69	ng		97
8) 2-Chlorophenol	7.06	128	194394	39.76	ng		98
9) Benzaldehyde	6.78	77	103609	32.03	ng		97
10) Phenol	6.90	94	257949	40.80	ng		96
11) bis(2-Chloroethyl)ether	7.01	93	174467	38.40	ng		84
12) 1,3-Dichlorobenzene	7.25	146	215544	40.49	ng		99
13) 1,4-Dichlorobenzene	7.36	146	226067	41.74	ng		99
14) 1,2-Dichlorobenzene	7.54	146	213467	41.44	ng		99
15) Benzyl Alcohol	7.50	79	158046	39.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.69	45	257264	39.61	ng		96
17) 2-Methylphenol	7.65	107	162420	42.50	ng		98
18) Hexachloroethane	7.96	117	71894	39.75	ng		95
19) n-Nitroso-di-n-propylamine	7.85	70	145919	43.12	ng		96
20) 3+4-Methylphenols	7.84	107	210561	41.84	ng	#	63
22) Acetophenone	7.84	105	262303	38.92	ng	#	99
24) Nitrobenzene	8.04	77	193462	39.91	ng	#	79
25) Isophorone	8.35	82	377178	41.26	ng		98
26) 2-Nitrophenol	8.44	139	81210	40.87	ng		97
27) 2,4-Dimethylphenol	8.50	122	176790	39.77	ng		100
28) bis(2-Chloroethoxy)methane	8.62	93	235322	40.75	ng		99
29) 2,4-Dichlorophenol	8.73	162	161640	38.73	ng		88
30) 1,2,4-Trichlorobenzene	8.84	180	187576	40.89	ng		100
31) Naphthalene	8.93	128	602938	42.08	ng		100
32) Benzoic acid	8.59	122	95564	44.24	ng		94
33) 4-Chloroaniline	9.00	127	247612	38.87	ng	#	87
34) Hexachlorobutadiene	9.09	225	112528	42.96	ng		99
35) Caprolactam	9.42	113	55262	43.38	ng		96
36) 4-Chloro-3-methylphenol	9.61	107	179512	42.79	ng		97
37) 2-Methylnaphthalene	9.80	142	413614	40.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	181350	38.98	ng		99
40) Hexachlorocyclopentadiene	9.98	237	91772	36.79	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	131955	42.83	ng		99
43) 2,4,5-Trichlorophenol	10.19	196	139369	42.30	ng		97
45) 1,1'-Biphenyl	10.38	154	495830	40.36	ng		99
46) 2-Chloronaphthalene	10.40	162	394415	40.94	ng		99
47) 2-Nitroaniline	10.52	65	100040	42.18	ng		96
48) Acenaphthylene	10.91	152	672682	44.10	ng		100
49) Dimethylphthalate	10.76	163	458637	40.24	ng		99
50) 2,6-Dinitrotoluene	10.83	165	97731	42.76	ng	#	40
51) Acenaphthene	11.13	154	400803	44.04	ng		99
52) 3-Nitroaniline	11.04	138	121323	46.04	ng		94
53) 2,4-Dinitrophenol	11.16	184	26285	37.79	ng	#	53
54) Dibenzofuran	11.35	168	591409	42.08	ng		98
55) 4-Nitrophenol	11.23	139	87522	41.29	ng	#	57
56) 2,4-Dinitrotoluene	11.33	165	136187	44.09	ng		97
57) Fluorene	11.77	166	485838	43.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	117308	44.29	ng		98
59) Diethylphthalate	11.64	149	462241	41.14	ng		100
60) 4-Chlorophenyl-phenylether	11.78	204	225494	41.65	ng		96
61) 4-Nitroaniline	11.79	138	117332	46.45	ng		98
62) Azobenzene	11.97	77	464127	43.53	ng		98
64) 4,6-Dinitro-2-methylphenol	11.83	198	43457	37.06	ng	#	31
65) n-Nitrosodiphenylamine	11.93	169	421336	42.14	ng		98
66) 4-Bromophenyl-phenylether	12.39	248	144114	40.84	ng		96
67) Hexachlorobenzene	12.44	284	155328	41.01	ng		95
68) Atrazine	12.59	200	113798	35.01	ng		99
69) Pentachlorophenol	12.69	266	87018	43.71	ng		99
70) Phenanthrene	12.96	178	731233	41.86	ng		99
71) Anthracene	13.03	178	727106	41.95	ng		100
72) Carbazole	13.23	167	700901	42.53	ng		100
73) Di-n-butylphthalate	13.68	149	805178	41.60	ng		100
74) Fluoranthene	14.44	202	846714	44.38	ng		99
76) Benzidine	14.61	184	369210	32.78	ng		98
77) Pyrene	14.72	202	846895	41.54	ng		99
79) Butylbenzylphthalate	15.55	149	358162	42.70	ng		96
80) Benzo(a)anthracene	16.21	228	822925	42.12	ng		99
81) 3,3'-Dichlorobenzidine	16.19	252	272860	38.12	ng		99
82) Chrysene	16.26	228	765910	41.75	ng		99
83) Bis(2-ethylhexyl)phthalate	16.27	149	556457	41.37	ng		99
84) Di-n-octyl phthalate	17.06	149	949046	42.26	ng		99
85) Indeno(1,2,3-cd)pyrene	19.47	276	951266m	45.48	ng		
87) Benzo(b)fluoranthene	17.52	252	780343	41.24	ng	#	97
88) Benzo(k)fluoranthene	17.55	252	820934m	44.27	ng		
89) Benzo(a)pyrene	17.91	252	756744	41.99	ng		98
90) Dibenzo(a,h)anthracene	19.49	278	753640	43.85	ng		99
91) Benzo(g,h,i)perylene	19.91	276	748835	43.17	ng		99

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

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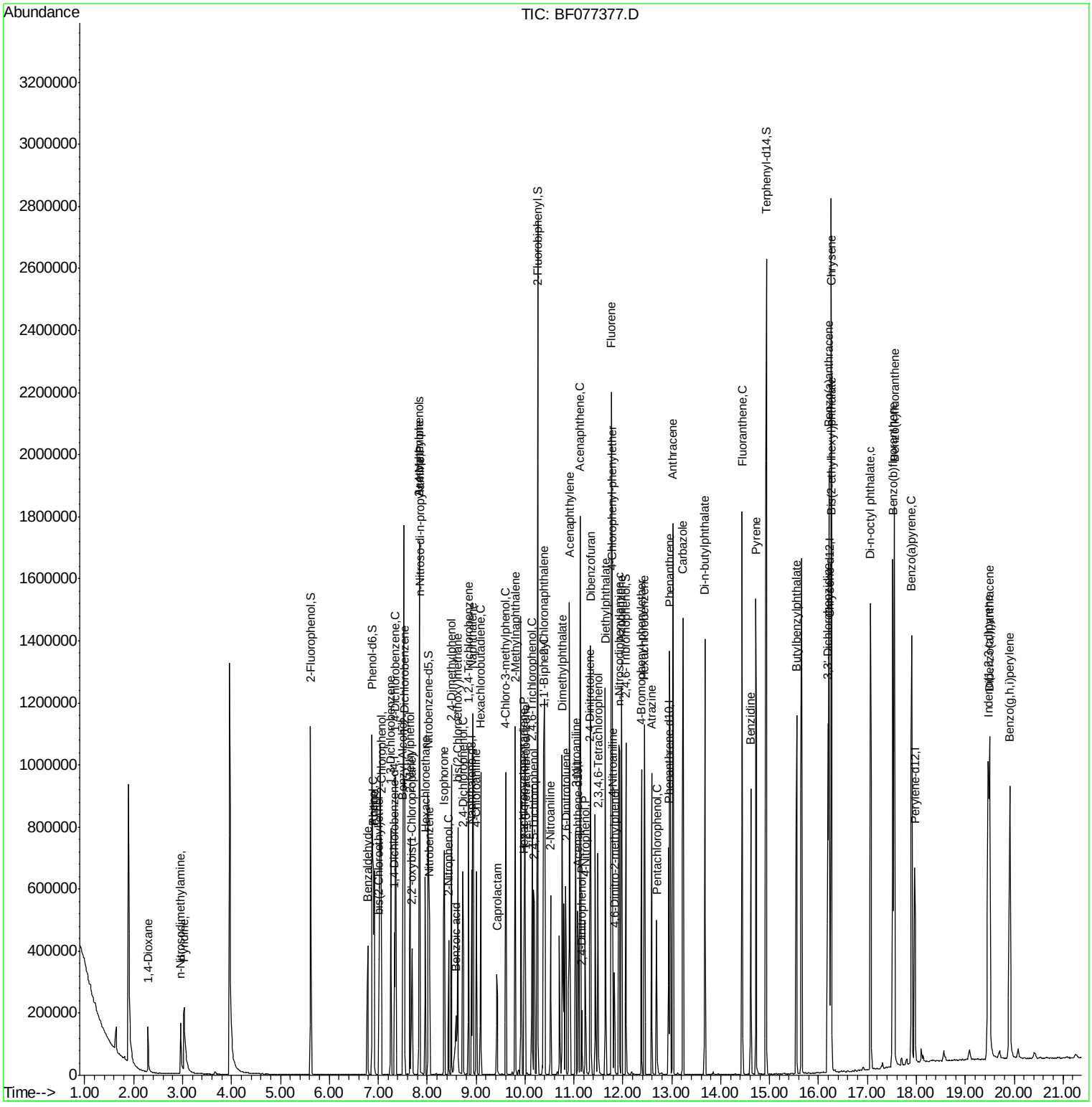
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