Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080968.D
Acq On : 11 Aug 2015 18:34
Operator : UM/IZ
Sample : PB84929BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Manual Integrations APPROVED
apatel
8/12/2015 8:34:01 AM

Quant Time: Aug 12 01:52:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	64112	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	241131	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	113084	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	226922	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	181872	20.00	ng		-0.03
86) Perylene-d12	15.32	264	191085	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	448002	114.17	ng		0.01
7) Phenol-d6	6.43	99	679458	126.36	ng		-0.01
23) Nitrobenzene-d5	7.36	82	432277	84.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	145531	117.14	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	579625	72.16	ng		-0.02
78) Terphenyl-d14	12.89	244	762380	86.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	60013	32.24	ng		98
3) Pyridine	3.13	79	153095	29.01	ng		93
4) n-Nitrosodimethylamine	3.08	42	95031	35.27	ng		91
6) Aniline	6.45	93	203151	25.72	ng		94
8) 2-Chlorophenol	6.57	128	160160	35.27	ng	#	82
9) Benzaldehyde	6.33	77	128603	35.48	ng		96
10) Phenol	6.44	94	258575	40.53	ng		81
11) bis(2-Chloroethyl)ether	6.52	93	162559	34.13	ng		93
12) 1,3-Dichlorobenzene	6.73	146	173924	36.09	ng		97
13) 1,4-Dichlorobenzene	6.81	146	173729	34.70	ng		99
14) 1,2-Dichlorobenzene	6.96	146	164281	36.29	ng		99
15) Benzyl Alcohol	6.93	79	156709	35.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	324846	33.90	ng		99
17) 2-Methylphenol	7.05	107	143189	36.95	ng	#	93
18) Hexachloroethane	7.30	117	66869	34.86	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	127723	32.50	ng		98
20) 3+4-Methylphenols	7.21	107	182518	37.49	ng	#	76
22) Acetophenone	7.20	105	237722	40.23	ng	#	96
24) Nitrobenzene	7.37	77	181886	34.65	ng		98
25) Isophorone	7.62	82	354618	36.17	ng		99
26) 2-Nitrophenol	7.69	139	82875	37.52	ng		97
27) 2,4-Dimethylphenol	7.73	122	167399	40.49	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	200594	34.08	ng		98
29) 2,4-Dichlorophenol	7.93	162	127611	37.56	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	137614	37.06	ng		98
31) Naphthalene	8.09	128	456213	34.32	ng		99
32) Benzoic acid	7.86	122	88113	35.60	ng		94
33) 4-Chloroaniline	8.14	127	106376	19.69	ng		94
34) Hexachlorobutadiene	8.21	225	77888	35.25	ng		98
35) Caprolactam	8.52	113	48976m	40.07	ng		
36) 4-Chloro-3-methylphenol	8.64	107	153484	37.02	ng		91
37) 2-Methylnaphthalene	8.78	142	282432	33.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	115580	33.15	ng		98
40) Hexachlorocyclopentadiene	8.94	237	160225	84.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	84307	33.00	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	92277	35.84	ng	#	87
45) 1,1'-Biphenyl	9.25	154	358174	36.91	ng		99
46) 2-Chloronaphthalene	9.28	162	266390	35.21	ng		99
47) 2-Nitroaniline	9.37	65	106186	35.00	ng		96
48) Acenaphthylene	9.69	152	447248	34.00	ng		100
49) Dimethylphthalate	9.56	163	310060	33.01	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	67941	35.01	ng	#	46
51) Acenaphthene	9.86	154	306077	37.99	ng		99
52) 3-Nitroaniline	9.78	138	55008	22.99	ng		100
53) 2,4-Dinitrophenol	9.88	184	49135	44.62	ng	#	75
54) Dibenzofuran	10.03	168	400215	36.74	ng		99
55) 4-Nitrophenol	9.95	139	134340	75.01	ng	#	73
56) 2,4-Dinitrotoluene	10.02	165	100816	38.82	ng	#	68
57) Fluorene	10.37	166	328807	39.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	69770m	34.24	ng		
59) Diethylphthalate	10.26	149	356279	36.44	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	130785	31.85	ng		98
61) 4-Nitroaniline	10.40	138	83478	33.91	ng		98
62) Azobenzene	10.52	77	378608	34.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	40775	28.99	ng	#	72
65) n-Nitrosodiphenylamine	10.49	169	290289	36.82	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	89222	37.12	ng		95
67) Hexachlorobenzene	10.91	284	89762	33.59	ng	#	61
68) Atrazine	11.01	200	85581	37.02	ng		99
69) Pentachlorophenol	11.10	266	104839	67.48	ng		97
70) Phenanthrene	11.32	178	445916	34.70	ng		99
71) Anthracene	11.38	178	486830	38.27	ng		99
72) Carbazole	11.53	167	421850	34.06	ng	#	96
73) Di-n-butylphthalate	11.87	149	609204	39.34	ng		99
74) Fluoranthene	12.51	202	535027	38.52	ng		96
76) Benzidine	12.64	184	353726	54.45	ng		97
77) Pyrene	12.74	202	529482	39.41	ng		98
79) Butylbenzylphthalate	13.36	149	246389	38.04	ng	#	68
80) Benzo(a)anthracene	13.92	228	422354	36.76	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	71932	17.21	ng	#	98
82) Chrysene	13.95	228	367890	33.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	297935	33.06	ng	#	95
84) Di-n-octyl phthalate	14.52	149	526429	34.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	373685	35.70	ng		98
87) Benzo(b)fluoranthene	14.93	252	518643m	39.03	ng		
88) Benzo(k)fluoranthene	14.96	252	368126m	31.67	ng		
89) Benzo(a)pyrene	15.27	252	429108	37.57	ng	#	96
90) Dibenzo(a,h)anthracene	16.68	278	306720	30.37	ng		100
91) Benzo(g,h,i)perylene	17.07	276	305055	31.05	ng		96

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

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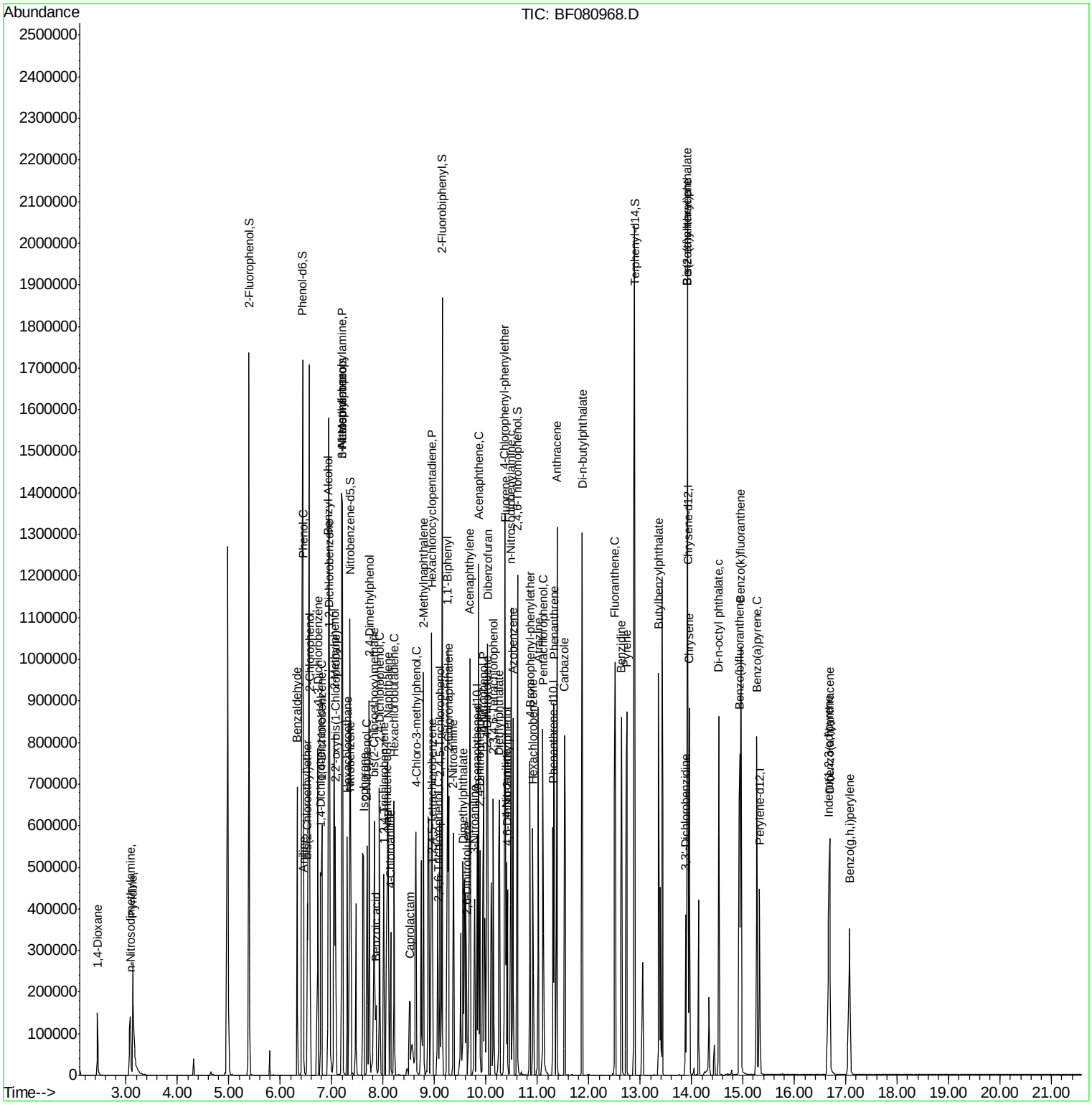
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