Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079381.D
Acq On : 20 May 2015 16:36
Operator : TP/IZ
Sample : PB83494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Manual Integrations APPROVED
apatel
5/21/2015 4:27:34 PM

Quant Time: May 21 01:24:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	69449	20.00	ng		0.00
21) Naphthalene-d8	8.66	136	278986	20.00	ng		0.00
38) Acenaphthene-d10	10.83	164	140801	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	269388	20.00	ng		0.00
75) Chrysene-d12	15.97	240	274241	20.00	ng		-0.01
86) Perylene-d12	17.76	264	280925	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	465241m	115.31	ng		0.00
7) Phenol-d6	6.66	99	565785	106.09	ng		0.00
23) Nitrobenzene-d5	7.78	82	331081	68.20	ng		0.00
41) 2,4,6-Tribromophenol	11.82	330	175665	115.33	ng		0.00
44) 2-Fluorobiphenyl	10.01	172	674444	66.74	ng		0.00
78) Terphenyl-d14	14.66	244	807504	70.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	53002m	30.21	ng		
3) Pyridine	2.64	79	171613m	33.43	ng		
4) n-Nitrosodimethylamine	2.56	42	81896m	37.23	ng		
6) Aniline	6.67	93	141979m	18.86	ng		
8) 2-Chlorophenol	6.82	128	168915	36.91	ng		87
9) Benzaldehyde	6.54	77	32733m	9.11	ng		
10) Phenol	6.68	94	210870	34.09	ng		87
11) bis(2-Chloroethyl)ether	6.79	93	155239	34.23	ng		99
12) 1,3-Dichlorobenzene	7.00	146	179348	34.87	ng	#	90
13) 1,4-Dichlorobenzene	7.11	146	182608	34.50	ng		99
14) 1,2-Dichlorobenzene	7.29	146	173411	35.19	ng		99
15) Benzyl Alcohol	7.28	79	135864	34.32	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.46	45	231198	33.32	ng		92
17) 2-Methylphenol	7.43	107	135376	36.76	ng		94
18) Hexachloroethane	7.70	117	62388	34.22	ng	#	83
19) n-Nitroso-di-n-propylamine	7.61	70	123030	34.16	ng		99
20) 3+4-Methylphenols	7.62	107	178547	36.39	ng	#	46
22) Acetophenone	7.60	105	233888	37.11	ng	#	90
24) Nitrobenzene	7.80	77	170122	35.36	ng		92
25) Isophorone	8.11	82	318528	35.39	ng		98
26) 2-Nitrophenol	8.20	139	79303	39.82	ng		94
27) 2,4-Dimethylphenol	8.27	122	158831	39.86	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	197735	35.64	ng		99
29) 2,4-Dichlorophenol	8.50	162	143677	40.54	ng		93
30) 1,2,4-Trichlorobenzene	8.60	180	140960	36.21	ng		97
31) Naphthalene	8.70	128	482261	36.28	ng		99
32) Benzoic acid	8.39	122	91406m	38.11	ng		
33) 4-Chloroaniline	8.78	127	110901	19.72	ng	#	88
34) Hexachlorobutadiene	8.84	225	78982	35.23	ng		97
35) Caprolactam	9.20	113	43941m	38.35	ng		
36) 4-Chloro-3-methylphenol	9.38	107	141423	37.99	ng		86
37) 2-Methylnaphthalene	9.55	142	346621	37.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	135576	34.19	ng		99
40) Hexachlorocyclopentadiene	9.74	237	101273	50.79	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.91	196	96141	35.27	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	101093	36.68	ng	#	92
45) 1,1'-Biphenyl	10.14	154	404195	36.11	ng		99
46) 2-Chloronaphthalene	10.15	162	297964	34.13	ng		98
47) 2-Nitroaniline	10.28	65	89093	35.22	ng	#	85
48) Acenaphthylene	10.66	152	508989	35.51	ng		98
49) Dimethylphthalate	10.52	163	372774	36.07	ng		99
50) 2,6-Dinitrotoluene	10.59	165	74563	36.56	ng	#	45
51) Acenaphthene	10.88	154	294784	34.48	ng		99
52) 3-Nitroaniline	10.80	138	64757	25.42	ng		83
53) 2,4-Dinitrophenol	10.94	184	43350	60.40	ng	#	81
54) Dibenzofuran	11.10	168	443868	35.95	ng		94
55) 4-Nitrophenol	11.03	139	127961	63.46	ng	#	73
56) 2,4-Dinitrotoluene	11.10	165	103575	38.42	ng	#	90
57) Fluorene	11.52	166	363091	35.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.24	232	79284	35.20	ng		100
59) Diethylphthalate	11.41	149	372692	36.40	ng		96
60) 4-Chlorophenyl-phenylether	11.53	204	159256	35.42	ng	#	87
61) 4-Nitroaniline	11.55	138	92041	36.11	ng		92
62) Azobenzene	11.73	77	367129	36.39	ng		91
64) 4,6-Dinitro-2-methylphenol	11.60	198	36570	36.22	ng		75
65) n-Nitrosodiphenylamine	11.68	169	311748	34.75	ng		100
66) 4-Bromophenyl-phenylether	12.13	248	98085	34.93	ng		92
67) Hexachlorobenzene	12.19	284	113417	35.34	ng	#	67
68) Atrazine	12.35	200	99497	38.14	ng		97
69) Pentachlorophenol	12.45	266	105495	58.22	ng		99
70) Phenanthrene	12.70	178	515121	34.18	ng		99
71) Anthracene	12.77	178	544222	36.81	ng		100
72) Carbazole	12.97	167	512660	36.38	ng		99
73) Di-n-butylphthalate	13.43	149	619540	36.66	ng	#	98
74) Fluoranthene	14.17	202	575119	36.62	ng		100
76) Benzidine	14.37	184	204022	27.60	ng		97
77) Pyrene	14.46	202	614826	38.91	ng		98
79) Butylbenzylphthalate	15.29	149	278092	40.26	ng		96
80) Benzo(a)anthracene	15.95	228	547999	36.49	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	151068	28.24	ng	#	96
82) Chrysene	16.00	228	528136	36.56	ng		99
83) Bis(2-ethylhexyl)phthalate	16.02	149	413144	39.49	ng	#	98
84) Di-n-octyl phthalate	16.85	149	712759	38.68	ng		98
85) Indeno(1,2,3-cd)pyrene	19.13	276	676838	36.78	ng		100
87) Benzo(b)fluoranthene	17.29	252	597665	38.87	ng		98
88) Benzo(k)fluoranthene	17.33	252	539744	36.26	ng	#	95
89) Benzo(a)pyrene	17.69	252	554657	39.18	ng		99
90) Dibenzo(a,h)anthracene	19.15	278	556094	36.96	ng		99
91) Benzo(g,h,i)perylene	19.53	276	565245	37.48	ng		97

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

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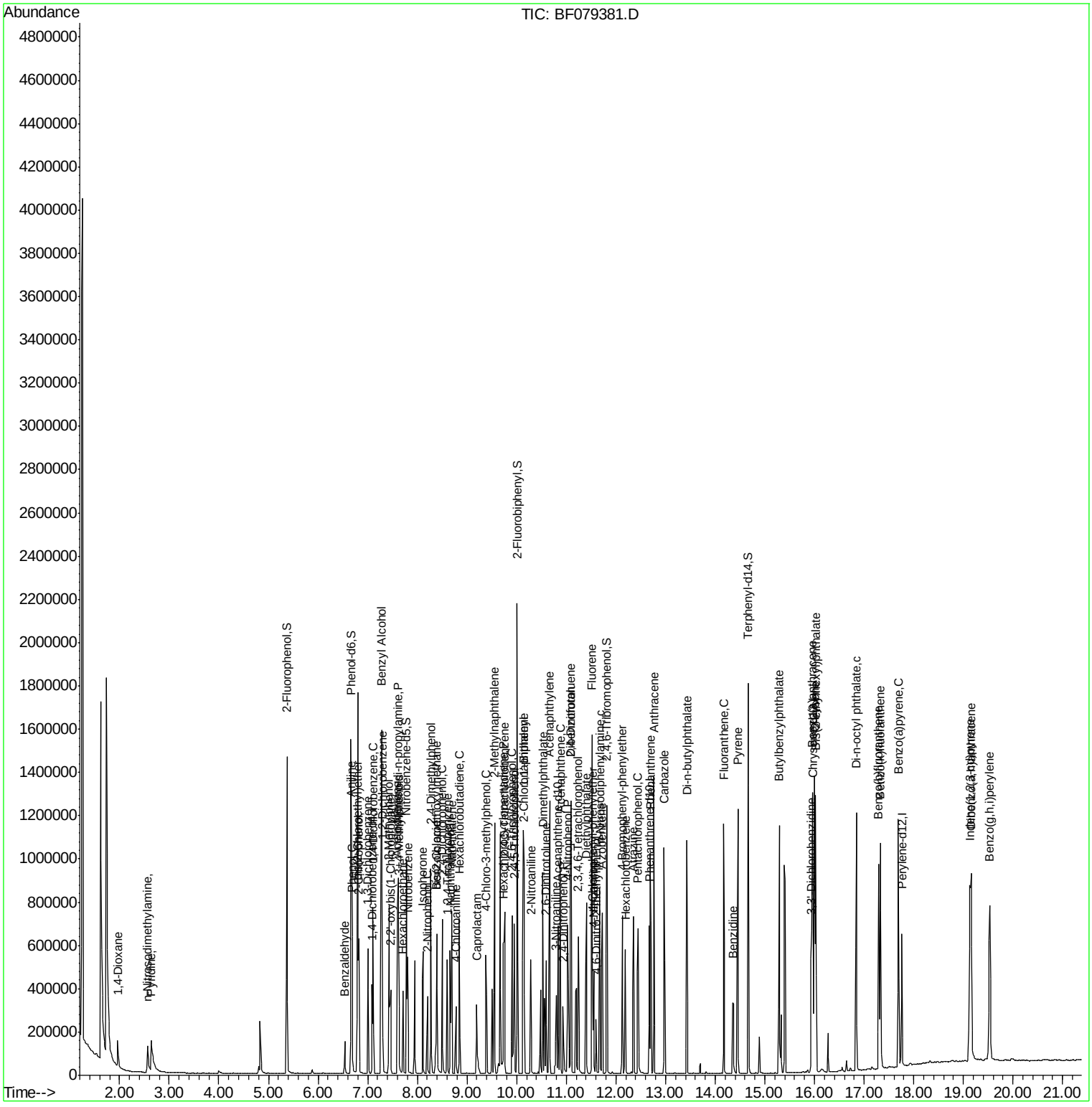
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