Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010228.D
Acq On : 25 May 2017 21:44
Operator : SJ/MA
Sample : I3331-16MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22COMPMS

Manual Integrations APPROVED
mohammad
5/26/2017 2:05:22 PM

Quant Time: May 26 13:16:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	133214	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	384128	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	44620	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	147158	20.00	ng		-0.03
75) Chrysene-d12	21.50	240	1052m	20.00	ng		-0.01
86) Perylene-d12	23.82	264	422	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	788518	106.89	ng		-0.03
7) Phenol-d6	7.13	99	241395	25.43	ng		-0.04
23) Nitrobenzene-d5	9.13	82	783077	109.98	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	539360	795.89	ng		-0.03
44) 2-Fluorobiphenyl	13.20	172	1889810	544.48	ng		-0.04
78) Terphenyl-d14	19.92	244	236116	5103.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	135942	40.11	ng	#	100
3) Pyridine	3.85	79	2586	0.29	ng	#	1
4) n-Nitrosodimethylamine	3.78	42	8090m	2.47	ng		
8) 2-Chlorophenol	7.52	128	282186	35.16	ng		94
9) Benzaldehyde	7.11	77	74609	12.63	ng		83
10) Phenol	7.16	94	145032	14.50	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	267412	35.86	ng		95
12) 1,3-Dichlorobenzene	7.83	146	339382	33.28	ng	#	85
13) 1,4-Dichlorobenzene	7.98	146	355181	33.90	ng		97
14) 1,2-Dichlorobenzene	8.30	146	335287	33.34	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	214097	29.20	ng		68
17) 2-Methylphenol	8.40	107	85530	12.02	ng	#	79
18) Hexachloroethane	9.02	117	122044	35.93	ng	#	75
19) n-Nitroso-di-n-propylamine	8.75	70	13851	2.07	ng	#	91
20) 3+4-Methylphenols	8.73	107	105295	10.95	ng		84
22) Acetophenone	8.79	105	417035	42.35	ng	#	98
24) Nitrobenzene	9.17	77	389309	53.08	ng		94
25) Isophorone	9.68	82	63124	5.13	ng		97
26) 2-Nitrophenol	9.87	139	148237	47.95	ng	#	55
27) 2,4-Dimethylphenol	9.93	122	92361	16.54	ng	#	78
28) bis(2-Chloroethoxy)methane	10.16	93	3568	0.46	ng	#	79
29) 2,4-Dichlorophenol	10.40	162	316407	49.23	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	380632	45.77	ng		96
31) Naphthalene	10.80	128	857488	41.73	ng		99
32) Benzoic acid	10.06	122	147967	38.89	ng	#	79
34) Hexachlorobutadiene	11.05	225	267030	48.14	ng		96
35) Caprolactam	11.88	113	138	0.07	ng	#	57
36) 4-Chloro-3-methylphenol	12.05	107	179249	25.75	ng	#	92
37) 2-Methylnaphthalene	12.40	142	580421	39.23	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	445382	259.57	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	637171	643.14	ng		99
42) 2,4,6-Trichlorophenol	13.02	196	280048	277.10	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	284405	254.68	ng	#	93
45) 1,1'-Biphenyl	13.41	154	857644	233.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.46	162	698707	235.19	ng		97
47) 2-Nitroaniline	13.71	65	521	0.68	ng	#	1
48) Acenaphthylene	14.30	152	56476	12.86	ng		96
49) Dimethylphthalate	14.04	163	100332	25.21	ng	#	95
50) 2,6-Dinitrotoluene	14.17	165	186789	247.15	ng	#	82
51) Acenaphthene	14.64	154	144805	53.03	ng		97
52) 3-Nitroaniline	14.52	138	109	0.16	ng	#	8
53) 2,4-Dinitrophenol	14.71	184	255932	475.63	ng		90
54) Dibenzofuran	14.98	168	750623	174.80	ng		97
55) 4-Nitrophenol	14.83	139	183481	324.57	ng	#	22
56) 2,4-Dinitrotoluene	14.96	165	253741	237.31	ng	#	87
57) Fluorene	15.62	166	377919	101.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	271932	285.89	ng	#	100
59) Diethylphthalate	15.39	149	27122	7.21	ng	#	83
60) 4-Chlorophenyl-phenylether	15.62	204	368081	175.56	ng		97
61) 4-Nitroaniline	15.71	138	539	0.76	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.70	198	155631	173.11	ng		79
65) n-Nitrosodiphenylamine	15.84	169	128	0.03	ng	#	24
66) 4-Bromophenyl-phenylether	16.51	248	215746	114.52	ng		92
67) Hexachlorobenzene	16.60	284	370069	161.69	ng		94
69) Pentachlorophenol	16.96	266	453710	360.91	ng		98
70) Phenanthrene	17.36	178	579191	70.35	ng		98
71) Anthracene	17.46	178	221436	27.10	ng		98
73) Di-n-butylphthalate	18.26	149	2031	0.24	ng	#	40
74) Fluoranthene	19.37	202	124525	11.65	ng		94
76) Benzidine	19.54	184	135	6.96	ng	#	1
77) Pyrene	19.75	202	30061	532.98	ng	#	95
79) Butylbenzylphthalate	20.60	149	850	40.71	ng		88
80) Benzo(a)anthracene	21.47	228	11591	199.92	ng	#	62
81) 3,3'-Dichlorobenzidine	21.33	252	3620	155.22	ng		92
82) Chrysene	21.52	228	27569m	501.35	ng		
83) Bis(2-ethylhexyl)phthalate	21.33	149	5198	166.48	ng	#	58
84) Di-n-octyl phthalate	22.23	149	6604	118.14	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.26	276	34730	430.70	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	12962	524.83	ng	#	62
88) Benzo(k)fluoranthene	23.17	252	24040	993.52	ng	#	74
89) Benzo(a)pyrene	23.74	252	17923	761.57	ng	#	51
90) Dibenzo(a,h)anthracene	26.26	278	41070	1560.60	ng	#	89
91) Benzo(g,h,i)perylene	27.01	276	40042	1552.82	ng	#	90

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

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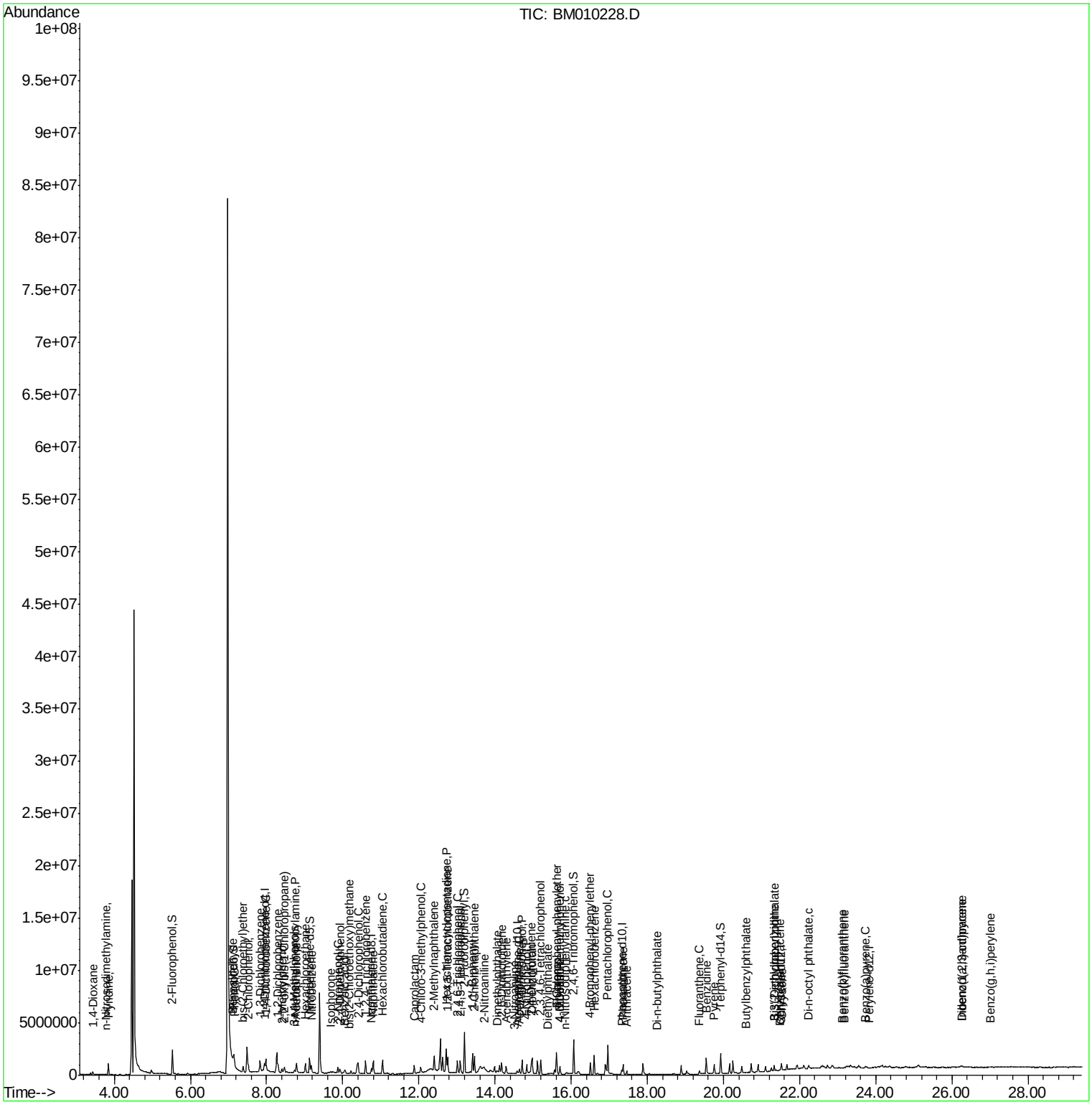
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