Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014457.D
Acq On : 02 Mar 2018 12:19
Operator : SJ/JU
Sample : J1646-21RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 02 17:12:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z9RE

Manual Integrations APPROVED
Sohil
3/5/2018 3:20:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	92315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	412174	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	267259	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	626735	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	574050	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	462802	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7599	3.52	ng/uL	0.00
5) Phenol-d5	6.72	99	199358	25.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	120265	25.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	158134	26.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	143796	21.06	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	87666	28.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	95949	30.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	170234	26.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	101139	15.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	625912	28.36	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	794869	29.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	66440m	21.80	ng/ul	0.05
57) Fluorene-d10	15.18	176	553862	28.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	32886	8.75	ng/ul	0.01
70) Anthracene-d10	17.04	188	885280	29.28	ng/ul	0.00
76) Pyrene-d10	19.35	212	977300	33.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	658161	29.22	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.35	105	25032	2.125	ng/ul#	92
44) Dimethylphthalate	13.64	163	133445	6.132	ng/ul	99
47) Acenaphthylene	13.89	152	143402	5.575	ng/ul#	94
58) Fluorene	15.23	166	30768	1.312	ng/ul	99
60) 4-Nitroaniline	15.30	138	266815	67.888	ng/ul#	74
69) Phenanthrene	16.98	178	751118	20.801	ng/ul	99
71) Anthracene	17.07	178	212005	5.838	ng/ul	99
72) Carbazole	17.36	167	67593	2.214	ng/ul	98
74) Fluoranthene	19.02	202	2122847	49.206	ng/ul#	94
77) Pyrene	19.38	202	1972512	51.704	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	931790	26.008	ng/ul	95
82) Chrysene	21.20	228	851605	25.481	ng/ul	96
85) Benzo(b)fluoranthene	22.70	252	1105161	35.664	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	294848m	10.008	ng/ul	
88) Benzo(a)pyrene	23.25	252	750100	27.088	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.53	276	537891	20.018	ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	141902	6.355	ng/ul#	67
91) Benzo(g,h,i)perylene	26.20	276	479510	22.028	ng/ul#	95

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

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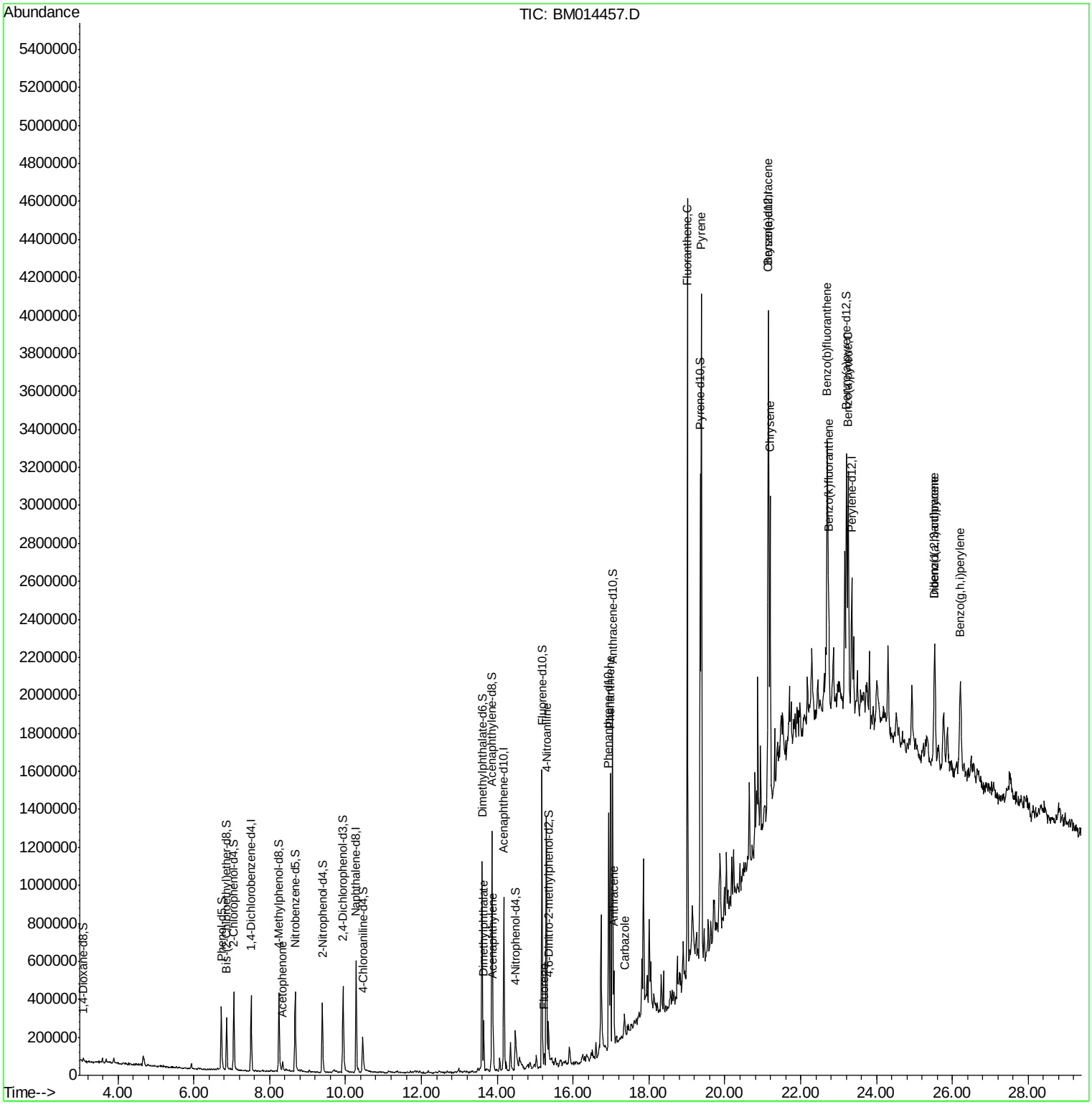
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