Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018447.D
Acq On : 17 Aug 2015 11:04
Operator : UM/MA
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-S

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:46 PM

Quant Time: Aug 18 01:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	106737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	490240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	312792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	820229	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	838530	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	833348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	14939	6.18	ng/uL	0.00
5) Phenol-d5	7.17	99	330680	34.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	215618	35.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	248463	33.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	284506	34.95	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	137557	36.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	143872	36.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	270629	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	390038	41.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	957218	36.37	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1164962	35.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	195860	41.38	ng/ul	0.00
58) Fluorene-d10	15.63	176	834940	36.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	147220	36.49	ng/ul	0.00
71) Anthracene-d10	17.48	188	1367759	34.87	ng/ul	0.00
79) Pyrene-d10	19.76	212	1519095	34.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1624334	36.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1769	0.68	ng/uL#	76
4) Benzaldehyde	7.15	77	20419m	3.59	ng/ul	
6) Phenol	7.20	94	29355	2.97	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.43	93	25344	3.33	ng/ul#	77
10) 2-Chlorophenol	7.58	128	21677	2.87	ng/ul#	89
11) 2-Methylphenol	8.45	108	22152	2.89	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.55	45	30959	2.54	ng/ul	98
14) Acetophenone	8.84	105	39143	3.33	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.81	70	19717	2.92	ng/ul#	91
16) 4-Methylphenol	8.78	108	25774	3.08	ng/ul	92
17) Hexachloroethane	9.10	117	9560	2.93	ng/ul	92
20) Nitrobenzene	9.22	77	28854	2.99	ng/ul	93
21) Isophorone	9.73	82	60531	3.26	ng/ul	98
23) 2-Nitrophenol	9.93	139	14025	3.25	ng/ul	96
24) 2,4-Dimethylphenol	9.99	107	25478	2.63	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.22	93	36092	3.12	ng/ul	96
27) 2,4-Dichlorophenol	10.47	162	23301	3.01	ng/ul	98
28) Naphthalene	10.87	128	78473	3.03	ng/ul	96
30) 4-Chloroaniline	10.97	127	37510	3.95	ng/ul	92
31) Hexachlorobutadiene	11.16	225	15107	3.09	ng/ul#	79
32) Caprolactam	11.75	113	10864m	3.49	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	27843	3.11	ng/ul	94
34) 2-Methylnaphthalene	12.47	142	60948	3.25	ng/ul	83

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	30197	3.01 ng/ul#	96
38) Hexachlorocyclopentadiene	12.83	237	14870	2.49 ng/ul	93
39) 2,4,6-Trichlorophenol	13.08	196	19538	2.86 ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	22220	3.02 ng/ul	96
41) 1,1'-Biphenyl	13.48	154	78814	3.02 ng/ul	97
42) 2-Chloronaphthalene	13.52	162	60397	2.98 ng/ul	97
43) 2-Nitroaniline	13.71	65	21224	3.24 ng/ul	99
45) Dimethylphthalate	14.09	163	85632	3.30 ng/ul#	99
46) 2,6-Dinitrotoluene	14.21	165	16537	3.20 ng/ul	98
48) Acenaphthylene	14.36	152	106037	3.19 ng/ul	97
49) 3-Nitroaniline	14.54	138	18736	3.55 ng/ul	98
50) Acenaphthene	14.71	153	75305	3.23 ng/ul	95
51) 2,4-Dinitrophenol	14.74	184	6002	2.38 ng/ul#	76
53) 4-Nitrophenol	14.85	109	14929	3.63 ng/ul	91
54) Dibenzofuran	15.04	168	99899	3.28 ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	23134	3.14 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.26	232	20522	3.21 ng/ul#	92
57) Diethylphthalate	15.45	149	92845	3.37 ng/ul	99
59) Fluorene	15.69	166	85471	3.26 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.68	204	40858	3.29 ng/ul	93
61) 4-Nitroaniline	15.69	138	21662	3.72 ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.76	198	14385	3.34 ng/ul#	61
65) N-Nitrosodiphenylamine	15.89	169	74528	3.02 ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	25355	2.86 ng/ul	94
67) Hexachlorobenzene	16.70	284	29876	3.18 ng/ul#	85
68) Atrazine	16.84	200	31447	3.40 ng/ul	98
69) Pentachlorophenol	17.03	266	13175	2.10 ng/ul	97
70) Phenanthrene	17.43	178	147531	3.32 ng/ul	96
72) Anthracene	17.52	178	155824	3.44 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	28555	2.52 ng/uL	99
74) Pentachlorobenzene	14.96	250	30987	2.86 ng/uL	92
75) Carbazole	17.78	167	143053	3.60 ng/ul	99
76) Di-n-butylphthalate	18.34	149	183199	3.53 ng/ul	100
77) Fluoranthene	19.44	202	181093	3.81 ng/ul#	95
80) Pyrene	19.79	202	193462	3.41 ng/ul	99
81) Butylbenzylphthalate	20.68	149	75758	3.16 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.54	252	60887	3.50 ng/ul#	94
83) Benzo(a)anthracene	21.63	228	172003	3.31 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	111464	3.29 ng/ul	96
85) Chrysene	21.69	228	156167	3.21 ng/ul	93
87) Di-n-octyl phthalate	22.75	149	192771	3.59 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	170977	3.27 ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	157722	3.13 ng/ul	95
91) Benzo(a)pyrene	24.69	252	157708	3.17 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	176106m	3.06 ng/ul	
93) Dibenzo(a,h)anthracene	28.55	278	148187	3.10 ng/ul	96
94) Benzo(g,h,i)perylene	29.59	276	150119m	3.10 ng/ul	

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

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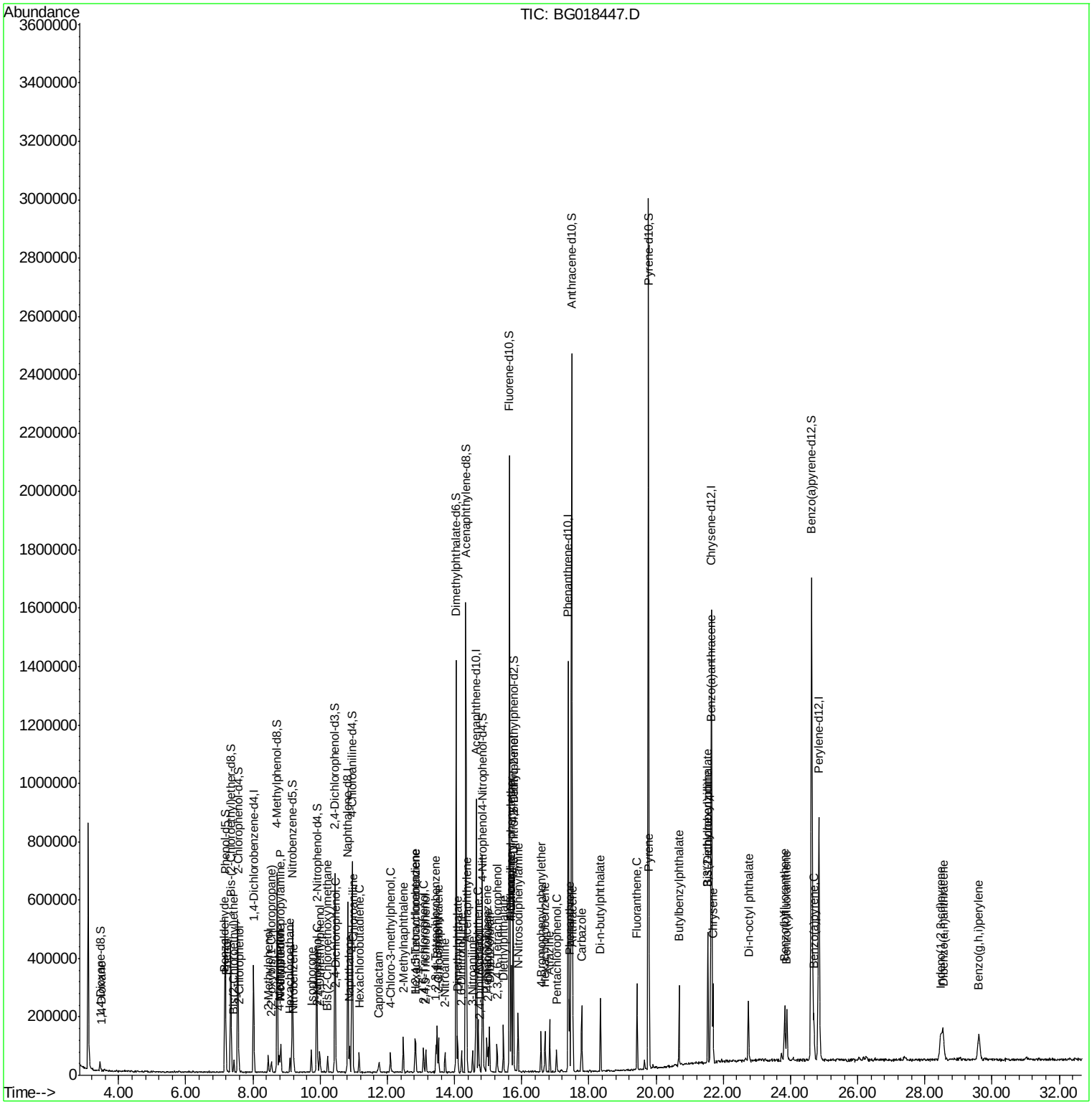
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