Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018296.D
Acq On : 6 Aug 2015 6:10
Operator : UM/TP
Sample : G3109-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 06 08:15:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C01W6

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	47340	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	218383	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.14	164	120165	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.90	188	136093m	20.00	ng/ul	0.03
78) Chrysene-d12	21.12	240	251302m	20.00	ng/ul	0.03
86) Perylene-d12	23.32	264	230945	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	835	1.52	ng/uL	0.00
5) Phenol-d5	6.67	99	53614	14.40	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.79	67	29360	16.32	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	48562	15.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.19	113	39950	12.71	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	25118	14.85	ng/ul	0.02
22) 2-Nitrophenol-d4	9.33	143	30507	15.60	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.89	165	53886	14.99	ng/ul	0.03
29) 4-Chloroaniline-d4	10.38	131	12844	2.98	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	154651	16.64	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	171050	16.23	ng/ul	0.02
52) 4-Nitrophenol-d4	14.41	143	13907	9.07	ng/ul	0.04
58) Fluorene-d10	15.14	176	111664	13.37	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.99	188	86754	14.49	ng/ul	0.02
79) Pyrene-d10	19.32	212	110617	7.87	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.18	264	192380	16.01	ng/ul	0.08
Target Compounds						Qvalue
28) Naphthalene	10.28	128	30166	2.94	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	19768	2.40	ng/ul	90
35) 1-Methylnaphthalene	12.14	142	11673	1.47	ng/ul#	86
45) Dimethylphthalate	13.60	163	70505	7.60	ng/ul	100
50) Acenaphthene	14.20	153	17024	2.42	ng/ul	93
54) Dibenzofuran	14.54	168	15707	1.52	ng/ul	89
59) Fluorene	15.19	166	15367	1.69	ng/ul#	95
70) Phenanthrene	16.94	178	99119	14.43	ng/ul	97
72) Anthracene	17.03	178	25961m	3.79	ng/ul	
75) Carbazole	17.31	167	8663m	1.50	ng/ul	
76) Di-n-butylphthalate	17.88	149	35267m	4.35	ng/ul	
77) Fluoranthene	18.98	202	275914m	36.22	ng/ul	
80) Pyrene	19.35	202	299039m	17.11	ng/ul	
81) Butylbenzylphthalate	20.26	149	98289	14.51	ng/ul	91
83) Benzo(a)anthracene	21.11	228	243698m	18.37	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.05	149	2981180m	365.53	ng/ul	
85) Chrysene	21.16	228	278889m	23.40	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	453837m	32.04	ng/ul	
89) Benzo(k)fluoranthene	22.69	252	178304m	13.13	ng/ul	
91) Benzo(a)pyrene	23.22	252	241291	19.51	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.54	276	108892	7.12	ng/ul#	84
94) Benzo(g,h,i)perylene	26.22	276	89095m	7.18	ng/ul	

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

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