Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022046.D
Acq On : 23 May 2016 14:36
Operator : UM/SJ
Sample : H3086-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGF8

Manual Integrations APPROVED
umangi
5/24/2016 7:37:01 PM

Quant Time: May 24 07:36:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	208869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	106207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	201591	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	190280	20.00	ng/ul	0.01
83) Perylene-d12	25.20	264	179106	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	2639	3.29	ng/uL	0.00
5) Phenol-d5	7.31	99	64626	17.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	40123	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	57428	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	53023	16.53	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	27313	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	29316	17.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	50375	17.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	51967	16.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	163102	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	226936	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	12089	8.80	ng/ul	0.00
57) Fluorene-d10	15.77	176	144805	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11077	10.51	ng/ul	0.00
70) Anthracene-d10	17.63	188	198787	20.54	ng/ul	0.00
76) Pyrene-d10	19.91	212	202388	18.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.96	264	183284m	22.05	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	11.03	128	11092	1.05	ng/ul	99
44) Dimethylphthalate	14.22	163	28768	3.59	ng/ul#	97
47) Acenaphthylene	14.51	152	15866	1.40	ng/ul#	91
49) Acenaphthene	14.85	153	12983	1.66	ng/ul	96
58) Fluorene	15.83	166	18606	2.27	ng/ul#	94
69) Phenanthrene	17.57	178	246799	22.01	ng/ul	99
71) Anthracene	17.66	178	54733	4.82	ng/ul	98
74) Fluoranthene	19.58	202	447063	39.01	ng/ul	100
77) Pyrene	19.94	202	454601	33.95	ng/ul	99
80) Benzo(a)anthracene	21.80	228	167371	15.00	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.68	149	19446	2.15	ng/ul#	94
82) Chrysene	21.87	228	195023	18.22	ng/ul#	93
85) Benzo(b)fluoranthene	24.12	252	182936	17.45	ng/ul#	45
86) Benzo(k)fluoranthene	24.17	252	73765m	7.23	ng/ul	
88) Benzo(a)pyrene	25.03	252	145885	14.43	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	29.07	276	68035m	5.87	ng/ul	
91) Benzo(g,h,i)perylene	30.27	276	44031	4.74	ng/ul#	74

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

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