Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022045.D
Acq On : 23 May 2016 13:17
Operator : UM/SJ
Sample : H3086-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGF6

Manual Integrations APPROVED
umangi
5/24/2016 7:36:58 PM

Quant Time: May 24 07:33:53 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	46600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	243207	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	129889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	240491	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	214751	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	198998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3279m	3.67	ng/uL	0.00
5) Phenol-d5	7.31	99	70186	16.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	42193	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	66501	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	49386	13.83	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	35158	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	39142	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	63796	18.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	62463	16.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	209904	21.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	286604	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	17578	10.46	ng/ul	0.00
57) Fluorene-d10	15.77	176	184924	20.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	15815	12.58	ng/ul	0.00
70) Anthracene-d10	17.63	188	234218	20.29	ng/ul	0.00
76) Pyrene-d10	19.91	212	248447	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	200359	21.70	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	64587	6.59	ng/ul	96
69) Phenanthrene	17.57	178	107284	8.02	ng/ul	98
71) Anthracene	17.66	178	21695m	1.60	ng/ul	
74) Fluoranthene	19.57	202	112723	8.25	ng/ul	99
77) Pyrene	19.94	202	152002	10.06	ng/ul	99
80) Benzo(a)anthracene	21.79	228	49580m	3.94	ng/ul	
82) Chrysene	21.86	228	58735	4.86	ng/ul	94
85) Benzo(b)fluoranthene	24.09	252	50580	4.34	ng/ul#	91
86) Benzo(k)fluoranthene	24.14	252	17384m	1.53	ng/ul	
88) Benzo(a)pyrene	24.98	252	50816	4.52	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	28.96	276	28135m	2.18	ng/ul	
91) Benzo(g,h,i)perylene	30.14	276	25704m	2.49	ng/ul	

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

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