Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022795.D
Acq On : 2 Jul 2016 15:48
Operator : UM/SJ
Sample : H3752-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHN3

Manual Integrations APPROVED
umangi
7/5/2016 7:42:24 PM

Quant Time: Jul 05 11:33:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	181489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	779017	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	588084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1367560	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1558305	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1598559	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5399m	1.66	ng/uL	0.00
5) Phenol-d5	7.31	99	269134	14.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	166835	15.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	174716	13.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	207250	13.98	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	97921	15.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	119925	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	227424	14.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	257141	19.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	856807	17.93	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	920135	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	115240	15.36	ng/ul	0.00
57) Fluorene-d10	15.79	176	779249	17.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	130121	14.79	ng/ul	0.00
70) Anthracene-d10	17.66	188	1137719	17.90	ng/ul	0.00
76) Pyrene-d10	19.94	212	1482488	19.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1501444	19.77	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.24	163	101650	2.08	ng/ul	96
69) Phenanthrene	17.60	178	475332	6.80	ng/ul	98
71) Anthracene	17.69	178	210788	2.93	ng/ul	97
74) Fluoranthene	19.60	202	976250	13.40	ng/ul#	85
77) Pyrene	19.97	202	715680	8.20	ng/ul#	83
80) Benzo(a)anthracene	21.84	228	456394	4.99	ng/ul	97
82) Chrysene	21.91	228	409026	4.92	ng/ul	95
85) Benzo(b)fluoranthene	24.15	252	490967	4.91	ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	190413m	2.03	ng/ul	
88) Benzo(a)pyrene	25.07	252	366649m	3.86	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.08	276	217510m	2.17	ng/ul	
91) Benzo(g,h,i)perylene	30.29	276	174590	2.22	ng/ul#	81

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

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