Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021971.D
Acq On : 19 May 2016 20:34
Operator : UM/SJ
Sample : H3092-06DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XC0DL

Manual Integrations APPROVED
sohil
5/20/2016 7:15:43 PM

Quant Time: May 20 08:24:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41797	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	217697	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	123691	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	247744	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	226846	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	216812	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1000	1.10	ng/uL	0.00
3) Phenol-d5	7.31	99	19780	5.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	12169	6.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	20160	6.65	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	12835	3.90	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	9488	6.21	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	9490	5.82	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	17191	5.97	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	15482	6.82	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	66199	6.94	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	89286	7.27	ng/ul	0.00
20) 4-Nitrophenol-d4	15.02	143	1709m	1.02	ng/ul	0.04
21) Fluorene-d10	15.78	176	57873	6.74	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	3288	2.67	ng/ul	0.00
26) Anthracene-d10	17.63	188	83211m	7.29	ng/ul	0.00
30) Pyrene-d10	19.91	212	87168	7.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	68296	7.09	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	24441	2.31	ng/ul	99
19) Acenaphthene	14.85	153	30505	3.47	ng/ul	99
22) Fluorene	15.83	166	27057	2.78	ng/ul#	97
25) Phenanthrene	17.57	178	458008	34.59	ng/ul	96
27) Anthracene	17.66	178	88790	6.67	ng/ul	98
28) Fluoranthene	19.57	202	539571	39.21	ng/ul#	90
31) Pyrene	19.94	202	438831	28.09	ng/ul#	92
32) Benzo(a)anthracene	21.79	228	177214	14.08	ng/ul	97
33) Chrysene	21.86	228	157276	12.85	ng/ul	95
35) Benzo(b)fluoranthene	24.09	252	197049	15.81	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	68466m	5.58	ng/ul	
38) Benzo(a)pyrene	24.99	252	136097	11.42	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.95	276	84923	6.27	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.00	278	20551m	1.83	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	71540	6.24	ng/ul#	92

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

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