Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
Data File : BG022069.D
Acq On : 25 May 2016 22:04
Operator : UM/SJ
Sample : H3203-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XJ6

Manual Integrations APPROVED
sohil
5/26/2016 6:43:01 PM

Quant Time: May 26 03:44:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 26 03:11:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45045	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	237609	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	134168	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	252759	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	219761	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	213459	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	897m	0.91	ng/uL	0.00
3) Phenol-d5	7.32	99	70267	17.67	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	40650	19.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	63873	19.56	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	55834	15.76	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	33758	20.25	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	36011	20.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	62406	19.85	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	34102m	13.77	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	202088	19.53	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	289177	21.70	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	14296m	7.86	ng/ul	0.00
21) Fluorene-d10	15.77	176	189296	20.33	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	19249	15.35	ng/ul	0.00
26) Anthracene-d10	17.63	188	254046	21.82	ng/ul	0.00
30) Pyrene-d10	19.91	212	260880	22.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	216316	22.82	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	77393	5.73	ng/ul	97
28) Fluoranthene	19.57	202	160968	11.46	ng/ul#	96
31) Pyrene	19.93	202	133959m	8.85	ng/ul	
32) Benzo(a)anthracene	21.79	228	72237	5.93	ng/ul	96
33) Chrysene	21.86	228	76403	6.44	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	104944	8.55	ng/ul#	94
36) Benzo(k)fluoranthene	24.13	252	43797m	3.63	ng/ul	
38) Benzo(a)pyrene	24.98	252	75111	6.40	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.95	276	48618	3.65	ng/ul#	90
40) Dibenzo(a,h)anthracene	29.00	278	13078m	1.18	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	44105	3.91	ng/ul#	80

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

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