Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
Data File : BG022060.D
Acq On : 25 May 2016 15:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
sohil
5/26/2016 6:42:12 PM

Quant Time: May 26 03:06:18 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	28685	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	158417	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	102719	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.54	188	222584	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	165419	20.00	ng/ul	0.00
34) Perylene-d12	25.16	264	159228	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.52	96	3882	6.21	ng/uL	-0.02
3) Phenol-d5	7.32	99	51071	20.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	26706	19.80	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	42501	20.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	48239	21.38	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	22662	20.39	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	25921	21.86	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	46581	22.22	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	53051	32.14	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	161102	20.34	ng/ul	0.00
17) Acenaphthylene-d8	14.49	160	205595	20.15	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	24696	17.73	ng/ul	0.01
21) Fluorene-d10	15.78	176	144949	20.33	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	25032	22.66	ng/ul	0.00
26) Anthracene-d10	17.63	188	202948	19.79	ng/ul	0.00
30) Pyrene-d10	19.91	212	171422	19.64	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	138796	19.63	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	156409	20.30	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	116830	20.92	ng/ul	93
14) 1-Methylnaphthalene	12.85	142	119745	20.95	ng/ul#	99
18) Acenaphthylene	14.52	152	208727	19.65	ng/ul	98
19) Acenaphthene	14.85	153	144935	19.87	ng/ul	99
22) Fluorene	15.83	166	160059	19.82	ng/ul	100
25) Phenanthrene	17.58	178	232987	19.58	ng/ul	96
27) Anthracene	17.66	178	238727	19.97	ng/ul	100
28) Fluoranthene	19.57	202	213667	17.28	ng/ul#	95
31) Pyrene	19.94	202	212349	18.64	ng/ul	97
32) Benzo(a)anthracene	21.80	228	181020	19.73	ng/ul	97
33) Chrysene	21.87	228	169807	19.02	ng/ul	98
35) Benzo(b)fluoranthene	24.09	252	171394	18.72	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	167690	18.62	ng/ul#	95
38) Benzo(a)pyrene	24.99	252	166826	19.06	ng/ul#	90
39) Indeno(1,2,3-cd)pyrene	28.97	276	199672m	20.07	ng/ul	
40) Dibenzo(a,h)anthracene	29.03	278	160112	19.43	ng/ul#	95
41) Benzo(g,h,i)perylene	30.17	276	163441	19.42	ng/ul#	93

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

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