Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021934.D
Acq On : 18 May 2016 13:50
Operator : UM/SJ
Sample : SSTD16032
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16032

Quant Time: May 18 16:14:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 15:34:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	29971	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	158241	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	90681	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	189892	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	168576	20.00	ng/ul	0.00
34) Perylene-d12	25.16	264	150351	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	33234	53.53	ng/uL	0.00
3) Phenol-d5	7.32	99	434453	195.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.62	67	691	0.63	ng/ul	0.14
5) 2-Chlorophenol-d4	7.69	132	339661	196.77	ng/ul	0.00
6) 4-Methylphenol-d8	8.88	113	365505	195.67	ng/ul	0.01
8) Nitrobenzene-d5	9.34	128	182503	175.43	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	195903	298.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.61	165	337693	181.75	ng/ul	0.01
12) 4-Chloroaniline-d4	11.12	131	238444	119.12	ng/ul	0.00
16) Dimethylphthalate-d6	14.20	166	948605	148.93	ng/ul	0.01
17) Acenaphthylene-d8	14.49	160	1242800	137.43	ng/ul	0.00
20) 4-Nitrophenol-d4	15.01	143	203799	186.67	ng/ul	0.02
21) Fluorene-d10	15.78	176	868283	129.47	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.91	200	173041	328.97	ng/ul	0.02
26) Anthracene-d10	17.53	188	189892	20.54	ng/ul	-0.09
30) Pyrene-d10	19.91	212	1208831	153.20	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.94	264	1001516	140.20	ng/ul	0.03
Target Compounds						Qvalue
11) Naphthalene	11.04	128	1080225	136.12	ng/ul	95
13) 2-Methylnaphthalene	12.63	142	810851	138.79	ng/ul	97
14) 1-Methylnaphthalene	12.85	142	788861	136.13	ng/ul#	99
18) Acenaphthylene	14.52	152	1252952	135.02	ng/ul	94
19) Acenaphthene	14.86	153	902058	140.13	ng/ul	95
22) Fluorene	15.84	166	960430	128.67	ng/ul	99
25) Phenanthrene	17.58	178	1402006	135.05	ng/ul#	90
27) Anthracene	17.58	178	1402006	132.96	ng/ul	93
28) Fluoranthene	19.58	202	1473300	124.91	ng/ul#	89
31) Pyrene	19.94	202	1438985	147.54	ng/ul#	84
32) Benzo(a)anthracene	21.80	228	1328801	141.64	ng/ul#	92
33) Chrysene	21.80	228	1328801	143.19	ng/ul	95
35) Benzo(b)fluoranthene	24.10	252	1303319	151.44	ng/ul#	94
36) Benzo(k)fluoranthene	24.17	252	1219174	132.33	ng/ul#	93
38) Benzo(a)pyrene	25.01	252	1221125	142.54	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	29.00	276	640325	63.07	ng/ul#	91
40) Dibenzo(a,h)anthracene	29.08	278	1183671	140.08	ng/ul#	94
41) Benzo(g,h,i)perylene	30.22	276	1151893	137.46	ng/ul#	90

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

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