Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
Data File : BM006781.D
Acq On : 31 Jul 2016 10:04
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
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8/1/2016 7:05:48 PM

Quant Time: Aug 01 06:52:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	141620	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	596740	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	344180	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	800856m	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	925319	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	956397	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	27162	7.76	ng/uL	0.00
3) Phenol-d5	6.79	99	248901	20.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	153321	20.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	195154	20.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	190759	20.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	92133	20.40	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	99805	20.78	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	187711	20.68	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	228993	22.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	535576	19.85	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	696517	20.22	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	92913	19.82	ng/ul	0.00
21) Fluorene-d10	15.25	176	482914	20.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	85899	20.66	ng/ul	0.00
26) Anthracene-d10	17.10	188	765254	20.12	ng/ul	0.00
30) Pyrene-d10	19.41	212	858636	20.36	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	897275	20.40	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	10.43	128	607825	19.75	ng/ul	99
13) 2-Methylnaphthalene	12.05	142	449247	19.90	ng/ul	97
14) 1-Methylnaphthalene	12.27	142	425868	19.77	ng/ul#	95
18) Acenaphthylene	13.97	152	729840	19.78	ng/ul	97
19) Acenaphthene	14.32	153	462870	19.52	ng/ul	96
22) Fluorene	15.31	166	536411	20.08	ng/ul	97
25) Phenanthrene	17.05	178	876522m	19.46	ng/ul	
27) Anthracene	17.14	178	916921	19.77	ng/ul	98
28) Fluoranthene	19.07	202	1060949	20.05	ng/ul	99
31) Pyrene	19.44	202	1123116	20.05	ng/ul	97
32) Benzo(a)anthracene	21.19	228	1121453	20.00	ng/ul	98
33) Chrysene	21.24	228	1024241	19.81	ng/ul	99
35) Benzo(b)fluoranthene	22.75	252	1186996	20.70	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	1103935	19.91	ng/ul	98
38) Benzo(a)pyrene	23.31	252	1127491	20.21	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	1304870	20.19	ng/ul	95
40) Dibenzo(a,h)anthracene	25.61	278	1093597	20.42	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	1105941	19.97	ng/ul	96

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

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