Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006053.D
Acq On : 26 Jun 2016 23:23
Operator : UM/SJ
Sample : H3670-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 27 06:09:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9YA1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	208679	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1026184	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	643679	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1580631	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1709627	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1598585	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7170	1.53	ng/uL	0.00
3) Phenol-d5	6.83	99	303026	13.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	207194	16.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	244765	16.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	157287	8.49	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	137738	17.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	153037	17.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	274457	16.46	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	305404	16.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	946239	17.17	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1223713	19.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	162646	13.84	ng/ul	0.00
21) Fluorene-d10	15.30	176	879472	18.69	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	80632	9.19	ng/ul	0.00
26) Anthracene-d10	17.16	188	1398109	19.26	ng/ul	0.00
30) Pyrene-d10	19.46	212	1625424	21.70	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	1405617	19.48	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	224243	4.37	ng/ul	100
13) 2-Methylnaphthalene	12.10	142	45064	1.09	ng/ul	91
18) Acenaphthylene	14.03	152	195171	2.90	ng/ul	99
19) Acenaphthene	14.37	153	173953	4.06	ng/ul	97
22) Fluorene	15.36	166	238064	4.62	ng/ul	96
25) Phenanthrene	17.10	178	4021147	47.30	ng/ul	100
27) Anthracene	17.19	178	901335	10.27	ng/ul	99
28) Fluoranthene	19.12	202	5318906	48.84	ng/ul	99
31) Pyrene	19.49	202	4520340	46.19	ng/ul	98
32) Benzo(a)anthracene	21.23	228	2069000	20.37	ng/ul	98
33) Chrysene	21.29	228	1959462	21.12	ng/ul	96
35) Benzo(b)fluoranthene	22.81	252	2512277	27.05	ng/ul	98
36) Benzo(k)fluoranthene	22.85	252	717575m	8.31	ng/ul	
38) Benzo(a)pyrene	23.37	252	1595462	17.92	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.69	276	1223114	11.52	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	255339	2.89	ng/ul#	80
41) Benzo(g,h,i)perylene	26.37	276	1213583	13.22	ng/ul	98

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

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