Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007011.D
Acq On : 10 Aug 2016 21:47
Operator : UM/SJ
Sample : H4303-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0H9

Manual Integrations APPROVED
umangi
8/11/2016 6:37:50 AM

Quant Time: Aug 11 03:31:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	348084	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1553877	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	944278	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2215121	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2311901	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1978159	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	15343	2.01	ng/uL	0.00
3) Phenol-d5	6.98	99	618904	19.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	391456	22.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	521577	22.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	425362	16.22	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	269488	22.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	299057	22.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	593261	22.35	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	614828	19.81	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1909301	23.66	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	2336851	24.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	229910	15.87	ng/ul	0.00
21) Fluorene-d10	15.44	176	1648389	24.03	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.56	200	176827	14.73	ng/ul	0.00
26) Anthracene-d10	17.29	188	2528246	24.50	ng/ul	0.00
30) Pyrene-d10	19.59	212	2898870	27.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	2301076	25.30	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.66	128	756666	9.71	ng/ul	99
13) 2-Methylnaphthalene	12.26	142	126107	2.04	ng/ul	96
14) 1-Methylnaphthalene	12.49	142	76760	1.30	ng/ul	96
19) Acenaphthene	14.51	153	574020	9.09	ng/ul	98
22) Fluorene	15.50	166	391429	5.22	ng/ul	98
25) Phenanthrene	17.24	178	5984784	50.43	ng/ul	99
27) Anthracene	17.33	178	1235407	10.08	ng/ul	99
28) Fluoranthene	19.25	202	8933428	59.76	ng/ul	99
31) Pyrene	19.62	202	7544411	56.26	ng/ul	98
32) Benzo(a)anthracene	21.36	228	4341625	31.90	ng/ul	98
33) Chrysene	21.41	228	3951684	31.98	ng/ul	98
35) Benzo(b)fluoranthene	22.97	252	5471067	44.52	ng/ul	97
36) Benzo(k)fluoranthene	23.01	252	1878594m	16.18	ng/ul	
38) Benzo(a)pyrene	23.56	252	3673447	32.50	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.96	276	2812118	25.09	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	699506m	7.54	ng/ul	
41) Benzo(g,h,i)perylene	26.66	276	2763538	29.98	ng/ul	99

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

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