Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
Data File : BM006182.D
Acq On : 01 Jul 2016 14:50
Operator : UM/SJ
Sample : H3777-16MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YC4MSD

Manual Integrations APPROVED
sohil
7/1/2016 7:17:01 PM

Quant Time: Jul 01 17:59:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	384233	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1717382	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	964597	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	1992974	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1461475	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1518883	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8170	0.99	ng/uL	0.00
3) Phenol-d5	6.85	99	459516	14.64	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	289072	15.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	366847	15.23	ng/ul	0.01
6) 4-Methylphenol-d8	8.38	113	340614	13.48	ng/ul	0.02
8) Nitrobenzene-d5	8.82	128	193030	16.69	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	214080	16.17	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	375983	15.56	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	241328	12.64	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1118626	16.18	ng/ul	0.01
17) Acenaphthylene-d8	14.01	160	1435948	17.11	ng/ul	0.02
20) 4-Nitrophenol-d4	14.55	143	151944	11.58	ng/ul	0.04
21) Fluorene-d10	15.32	176	972292	16.48	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.46	200	97575	13.82	ng/ul	0.03
26) Anthracene-d10	17.17	188	1408908	17.62	ng/ul	0.02
30) Pyrene-d10	19.47	212	1274895	21.66	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1058281	17.51	ng/ul	0.04
Target Compounds						Qvalue
19) Acenaphthene	14.38	153	861770	15.37	ng/ul	99
25) Phenanthrene	17.11	178	673216	7.14	ng/ul	99
27) Anthracene	17.20	178	142066	1.47	ng/ul	96
28) Fluoranthene	19.13	202	889455	7.70	ng/ul	99
31) Pyrene	19.50	202	2015776	26.15	ng/ul	97
32) Benzo(a)anthracene	21.25	228	321956	4.24	ng/ul	96
33) Chrysene	21.30	228	320399	4.58	ng/ul	96
35) Benzo(b)fluoranthene	22.83	252	439760	5.58	ng/ul	94
36) Benzo(k)fluoranthene	22.87	252	117648m	1.59	ng/ul	
38) Benzo(a)pyrene	23.40	252	281523	3.78	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.74	276	222063	2.87	ng/ul	95
40) Dibenzo(a,h)anthracene	25.74	278	65590	1.02	ng/ul#	70
41) Benzo(g,h,i)perylene	26.44	276	277865	4.29	ng/ul	96

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

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