Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
Data File : BM006181.D
Acq On : 01 Jul 2016 14:14
Operator : UM/SJ
Sample : H3777-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YC4MS

Manual Integrations APPROVED
sohil
7/1/2016 7:16:59 PM

Quant Time: Jul 01 17:57:21 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	353821	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1595667	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	897725	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	1901639	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1427620	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1456646	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7790	1.02	ng/uL	0.00
3) Phenol-d5	6.85	99	464077	16.06	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	287555	16.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	363822	16.40	ng/ul	0.01
6) 4-Methylphenol-d8	8.38	113	325852	14.01	ng/ul	0.02
8) Nitrobenzene-d5	8.82	128	190923	17.76	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	219516	17.85	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	384170	17.12	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	220479	12.43	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1138823	17.70	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1445301	18.51	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	178890	14.65	ng/ul	0.04
21) Fluorene-d10	15.32	176	990104	18.03	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.46	200	109392	16.24	ng/ul	0.03
26) Anthracene-d10	17.17	188	1434699	18.81	ng/ul	0.02
30) Pyrene-d10	19.47	212	1332573	23.18	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1076151	18.56	ng/ul	0.04
Target Compounds						Qvalue
19) Acenaphthene	14.38	153	810388	15.53	ng/ul	99
25) Phenanthrene	17.11	178	174864	1.94	ng/ul	98
28) Fluoranthene	19.13	202	407811	3.70	ng/ul	99
31) Pyrene	19.50	202	1705952	22.65	ng/ul	97
32) Benzo(a)anthracene	21.25	228	182944m	2.46	ng/ul	
33) Chrysene	21.30	228	210264m	3.08	ng/ul	
35) Benzo(b)fluoranthene	22.83	252	270041	3.57	ng/ul#	91
36) Benzo(k)fluoranthene	22.87	252	94103m	1.33	ng/ul	
38) Benzo(a)pyrene	23.40	252	188136	2.63	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	25.74	276	152808	2.06	ng/ul	96
41) Benzo(g,h,i)perylene	26.43	276	205708	3.31	ng/ul	95

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

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