Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006824.D
Acq On : 01 Aug 2016 13:29
Operator : UM/SJ
Sample : H4189-08
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZM7

Manual Integrations APPROVED
sohil
8/1/2016 7:10:25 PM

Quant Time: Aug 01 14:31:17 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	480604	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	2018330	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	1082415	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	2299674	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	2187139	20.00	ng/ul	0.01
34) Perylene-d12	23.44	264	2376981	20.00	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	20066	1.69	ng/uL	0.00
3) Phenol-d5	6.80	99	894022	21.87	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	560304	22.12	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	722597	22.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	611518	19.28	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	364753	23.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	402702	24.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	693304	22.58	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	491223	14.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	1987121	23.41	ng/ul	0.01
17) Acenaphthylene-d8	13.96	160	2525899	23.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	303770	20.61	ng/ul	0.02
21) Fluorene-d10	15.26	176	1709873	22.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	139648	11.70	ng/ul	0.02
26) Anthracene-d10	17.12	188	2529979	23.17	ng/ul	0.00
30) Pyrene-d10	19.43	212	2485960	24.94	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.30	264	2551644	23.34	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	233343	1.80	ng/ul	96
27) Anthracene	17.15	178	179951	1.35	ng/ul	99
28) Fluoranthene	19.09	202	592034	3.90	ng/ul	98
31) Pyrene	19.45	202	590157	4.46	ng/ul	96
32) Benzo(a)anthracene	21.21	228	426611	3.22	ng/ul	96
33) Chrysene	21.26	228	462586	3.79	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	794616	5.58	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	250512m	1.82	ng/ul	
38) Benzo(a)pyrene	23.34	252	439488	3.17	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.66	276	348012	2.17	ng/ul	96
41) Benzo(g,h,i)perylene	26.34	276	317640	2.31	ng/ul#	95

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

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