Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006814.D
Acq On : 01 Aug 2016 07:25
Operator : UM/SJ
Sample : H4189-16
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZQ5

Manual Integrations APPROVED
sohil
8/1/2016 7:08:59 PM

Quant Time: Aug 01 08:20:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 01 06:36:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	472118	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	1974831	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	1047860	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	2201022	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	2252437	20.00	ng/ul	0.01
34) Perylene-d12	23.43	264	2434145	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	13932	1.19	ng/uL	0.00
3) Phenol-d5	6.79	99	540479	13.46	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	383972	15.43	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	458560	14.29	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	309336	9.93	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	238839	15.98	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	266297	16.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	442349	14.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	407455	12.32	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1259359	15.33	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1679057	16.01	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	168937	11.84	ng/ul	0.01
21) Fluorene-d10	15.26	176	1114933	15.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	141746	12.41	ng/ul	0.01
26) Anthracene-d10	17.11	188	1669176	15.97	ng/ul	0.00
30) Pyrene-d10	19.42	212	1861408	18.14	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1882085	16.81	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	609970	4.93	ng/ul	98
27) Anthracene	17.15	178	159361	1.25	ng/ul	97
28) Fluoranthene	19.08	202	1331462	9.16	ng/ul	97
31) Pyrene	19.44	202	1232707	9.04	ng/ul	97
32) Benzo(a)anthracene	21.20	228	672353	4.93	ng/ul	96
33) Chrysene	21.25	228	689842	5.48	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	932362	6.39	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	273769m	1.94	ng/ul	
38) Benzo(a)pyrene	23.33	252	658026	4.63	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	483928	2.94	ng/ul	97
41) Benzo(g,h,i)perylene	26.31	276	456108	3.24	ng/ul	97

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

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