Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006636.D
Acq On : 22 Jul 2016 22:24
Operator : UM/SJ
Sample : H4077-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT0

Manual Integrations APPROVED
sohil
7/25/2016 6:39:11 PM

Quant Time: Jul 23 01:08:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	192618	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	907074	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	518110	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1117009	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1074068	20.00	ng/ul	0.01
34) Perylene-d12	23.44	264	1201951	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	9191	1.93	ng/uL	0.00
3) Phenol-d5	6.80	99	361009	22.03	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	233116	22.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	290596	22.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	280135	22.04	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	142422	20.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	149027	20.41	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	277670	20.12	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	309938	20.40	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	822898	20.26	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1061987	20.48	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	107082	15.18	ng/ul	0.02
21) Fluorene-d10	15.27	176	736371	20.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	21759	3.75	ng/ul	0.01
26) Anthracene-d10	17.13	188	1094268	20.63	ng/ul	0.01
30) Pyrene-d10	19.43	212	1129233	23.07	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1112080	20.11	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	486453	8.76	ng/ul	98
22) Fluorene	15.33	166	43563	1.08	ng/ul	94
25) Phenanthrene	17.07	178	1361446	21.67	ng/ul	100
27) Anthracene	17.16	178	577271	8.92	ng/ul	98
28) Fluoranthene	19.09	202	2702601	36.62	ng/ul	99
31) Pyrene	19.46	202	2624785	40.36	ng/ul	97
32) Benzo(a)anthracene	21.22	228	1595987	24.52	ng/ul	95
33) Chrysene	21.27	228	1898677	31.64	ng/ul	97
35) Benzo(b)fluoranthene	22.79	252	4243013	58.89	ng/ul	100
36) Benzo(k)fluoranthene	22.82	252	1310828m	18.82	ng/ul	
38) Benzo(a)pyrene	23.35	252	2291429	32.67	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	2016551	24.83	ng/ul	98
40) Dibenzo(a,h)anthracene	25.66	278	665782m	9.89	ng/ul	
41) Benzo(g,h,i)perylene	26.34	276	1646778	23.66	ng/ul	97

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

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