Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006633.D
Acq On : 22 Jul 2016 20:30
Operator : UM/SJ
Sample : H4077-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YT4

Manual Integrations APPROVED
sohil
7/25/2016 6:39:02 PM

Quant Time: Jul 23 01:03:59 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	197658	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	836496	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	457525	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	977508	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	938915	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1036636	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7765	1.59	ng/uL	0.00
3) Phenol-d5	6.80	99	291813	17.35	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	208039	19.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	245910	18.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	203132	15.58	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	128235	20.25	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	119514	17.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	233924	18.38	ng/ul	0.00
12) 4-Chloroaniline-d4	10.55	131	207799	14.83	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	726230	20.24	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	963715	21.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	53318	8.56	ng/ul	0.02
21) Fluorene-d10	15.27	176	664981	20.73	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	19164	3.78	ng/ul	0.01
26) Anthracene-d10	17.12	188	992279	21.38	ng/ul	0.00
30) Pyrene-d10	19.43	212	1033578	24.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1013662	21.26	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.45	128	47920	1.11	ng/ul	98
18) Acenaphthylene	13.99	152	281506	5.74	ng/ul	98
19) Acenaphthene	14.34	153	31662	1.00	ng/ul	96
22) Fluorene	15.33	166	71522	2.01	ng/ul#	91
25) Phenanthrene	17.07	178	1571835	28.59	ng/ul	97
27) Anthracene	17.16	178	433488	7.66	ng/ul	99
28) Fluoranthene	19.09	202	3091114	47.86	ng/ul	99
31) Pyrene	19.46	202	2603044	45.79	ng/ul	97
32) Benzo(a)anthracene	21.22	228	1507897	26.50	ng/ul	95
33) Chrysene	21.27	228	1646163	31.38	ng/ul	96
35) Benzo(b)fluoranthene	22.79	252	2580049	41.52	ng/ul	100
36) Benzo(k)fluoranthene	22.82	252	864246m	14.38	ng/ul	
38) Benzo(a)pyrene	23.34	252	1614057	26.69	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.66	276	1281657	18.30	ng/ul	99
40) Dibenzo(a,h)anthracene	25.65	278	358693m	6.18	ng/ul	
41) Benzo(g,h,i)perylene	26.34	276	1126323	18.76	ng/ul	97

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

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