Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006639.D
Acq On : 23 Jul 2016 00:17
Operator : UM/SJ
Sample : H4076-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ4

Manual Integrations APPROVED
sohil
7/25/2016 6:39:22 PM

Quant Time: Jul 23 01:16:17 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	179045	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	813408	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	458503	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1011631	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1010963	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1062623	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	10424	2.35	ng/uL	0.00
3) Phenol-d5	6.80	99	431969	28.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	266190	28.21	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	335984	27.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	183416	15.53	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	169986	27.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	182615	27.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	319215	25.80	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	226344	16.61	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	997554	27.75	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1277077	27.83	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	168920	27.05	ng/ul	0.02
21) Fluorene-d10	15.27	176	903268	28.09	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	44048	8.39	ng/ul	0.01
26) Anthracene-d10	17.13	188	1316259	27.40	ng/ul	0.01
30) Pyrene-d10	19.43	212	1419865	30.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1282109	26.23	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.07	178	184749	3.25	ng/ul	99
28) Fluoranthene	19.09	202	429896	6.43	ng/ul	99
31) Pyrene	19.46	202	372154	6.08	ng/ul	97
32) Benzo(a)anthracene	21.21	228	217063	3.54	ng/ul	96
33) Chrysene	21.26	228	221481m	3.92	ng/ul	
35) Benzo(b)fluoranthene	22.77	252	353374	5.55	ng/ul#	94
36) Benzo(k)fluoranthene	22.81	252	108339m	1.76	ng/ul	
38) Benzo(a)pyrene	23.34	252	206005	3.32	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	25.65	276	179522	2.50	ng/ul	94

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

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