Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006634.D
Acq On : 22 Jul 2016 21:08
Operator : UM/SJ
Sample : H4077-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ9

Manual Integrations APPROVED
sohil
7/25/2016 6:39:05 PM

Quant Time: Jul 23 01:05:26 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	214023	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	935600	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	520213	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1106338	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1108749	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1164145	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	7944	1.50	ng/uL	0.00
3) Phenol-d5	6.80	99	346033	19.00	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	223580	19.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	277497	19.07	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	252626	17.89	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	139172	19.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	145175	19.28	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	265433	18.65	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	184115	11.75	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	783620	19.21	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1025079	19.69	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	106363	15.01	ng/ul	0.02
21) Fluorene-d10	15.27	176	712682	19.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	25144	4.38	ng/ul	0.01
26) Anthracene-d10	17.12	188	1050261	19.99	ng/ul	0.00
30) Pyrene-d10	19.43	212	1136548	22.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1093474	20.42	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.07	178	219337	3.53	ng/ul	99
28) Fluoranthene	19.09	202	621160	8.50	ng/ul	98
31) Pyrene	19.46	202	526529	7.84	ng/ul	97
32) Benzo(a)anthracene	21.21	228	314598	4.68	ng/ul	97
33) Chrysene	21.26	228	305499	4.93	ng/ul	94
35) Benzo(b)fluoranthene	22.77	252	429824	6.16	ng/ul	96
36) Benzo(k)fluoranthene	22.81	252	131469m	1.95	ng/ul	
38) Benzo(a)pyrene	23.34	252	284617	4.19	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.64	276	212781	2.71	ng/ul#	92
41) Benzo(g,h,i)perylene	26.33	276	205083	3.04	ng/ul	96

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

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