Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005684.D
Acq On : 06 Jun 2016 23:57
Operator : UM/SJ
Sample : H3412-16 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XT5

Manual Integrations APPROVED
sohil
6/7/2016 7:14:05 PM

Quant Time: Jun 07 05:15:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	132872	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	546846	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	235381	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	416978	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	420675	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	436540	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	2106	0.67	ng/uL	0.00
3) Phenol-d5	6.94	99	101316	8.67	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	64953	9.14	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	85709	8.89	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	67986	7.36	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	38788	9.24	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	39781	8.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	71304	8.93	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	25229m	2.66	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	186871	10.33	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	231148	9.82	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	18431	7.11	ng/ul	0.01
21) Fluorene-d10	15.40	176	152082	9.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	4750	2.42	ng/ul	0.00
26) Anthracene-d10	17.24	188	205739	10.39	ng/ul	0.00
30) Pyrene-d10	19.54	212	214329	10.14	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	209173	10.41	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.19	178	48150	2.09	ng/ul	98
28) Fluoranthene	19.20	202	82871	3.52	ng/ul	99
31) Pyrene	19.57	202	72704	2.74	ng/ul	97
32) Benzo(a)anthracene	21.31	228	41884	1.70	ng/ul	93
33) Chrysene	21.36	228	42799	1.84	ng/ul	95
35) Benzo(b)fluoranthene	22.91	252	64344	2.44	ng/ul#	82
38) Benzo(a)pyrene	23.49	252	40451	1.60	ng/ul#	77
39) Indeno(1,2,3-cd)pyrene	25.88	276	36278	1.21	ng/ul#	78
41) Benzo(g,h,i)perylene	26.59	276	36946	1.47	ng/ul#	77

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

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