Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006967.D
Acq On : 07 Aug 2016 09:18
Operator : UM/SJ
Sample : H4301-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0F5

Manual Integrations APPROVED
sohil
8/8/2016 7:06:27 PM

Quant Time: Aug 08 04:57:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	214246	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1035140	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	670062	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1550293	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1296659	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1056617	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	6930	1.48	ng/uL	0.00
3) Phenol-d5	6.77	99	298090	14.67	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	229463	18.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	249190	17.18	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	229388	13.53	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	137631	17.90	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	158633	17.23	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	286044	16.39	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	310947m	14.92	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1065080	18.06	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1287126	18.87	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	91195	10.66	ng/ul	0.03
21) Fluorene-d10	15.20	176	926842	18.49	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	116595	18.21	ng/ul	0.00
26) Anthracene-d10	17.06	188	1400267	18.70	ng/ul	0.00
30) Pyrene-d10	19.37	212	1477769	23.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	929117	18.46	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.00	178	260390	3.00	ng/ul	99
28) Fluoranthene	19.03	202	664692	6.30	ng/ul#	98
31) Pyrene	19.40	202	589640	7.32	ng/ul	97
32) Benzo(a)anthracene	21.16	228	314966	4.09	ng/ul	95
33) Chrysene	21.21	228	306466	4.53	ng/ul	95
35) Benzo(b)fluoranthene	22.71	252	425312	6.17	ng/ul	98
36) Benzo(k)fluoranthene	22.75	252	120559m	1.81	ng/ul	
38) Benzo(a)pyrene	23.26	252	270740	4.33	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.53	276	202564	3.19	ng/ul	92
40) Dibenzo(a,h)anthracene	25.52	278	60814m	1.14	ng/ul	
41) Benzo(g,h,i)perylene	26.20	276	190199	3.81	ng/ul	97

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

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