Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006512.D
Acq On : 17 Jul 2016 12:23
Operator : UM/SJ
Sample : H3985-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ53

Manual Integrations APPROVED
sohil
7/18/2016 7:40:07 PM

Quant Time: Jul 18 08:50:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	605195	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	335243	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	752100	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	864316	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	939681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	2127	0.63	ng/uL	0.00
5) Phenol-d5	6.79	99	192636	16.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	129674	18.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	148562	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	173069	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	85903	18.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	92078	17.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	165860	16.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	218287	21.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	641082	23.36	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	793341	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	107125	22.48	ng/ul	0.00
57) Fluorene-d10	15.26	176	583487	23.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	80485	18.50	ng/ul	0.00
70) Anthracene-d10	17.12	188	968469	27.24	ng/ul	0.00
76) Pyrene-d10	19.42	212	1135265	28.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1235274	28.75	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	277045	9.95	ng/ul	100
47) Acenaphthylene	13.99	152	70887	2.01	ng/ul#	95
49) Acenaphthene	14.33	153	51054	2.25	ng/ul	97
58) Fluorene	15.32	166	48668	1.84	ng/ul	94
69) Phenanthrene	17.06	178	405328	9.80	ng/ul	99
71) Anthracene	17.15	178	202831	4.77	ng/ul	99
74) Fluoranthene	19.08	202	427811	8.90	ng/ul	99
77) Pyrene	19.44	202	617182	11.96	ng/ul	100
80) Benzo(a)anthracene	21.20	228	373227m	7.08	ng/ul	
82) Chrysene	21.25	228	375844	7.57	ng/ul	96
85) Benzo(b)fluoranthene	22.76	252	321282	5.72	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	73570m	1.39	ng/ul	
88) Benzo(a)pyrene	23.32	252	337043	6.27	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	152358	2.43	ng/ul	97
90) Dibenzo(a,h)anthracene	25.60	278	64125m	1.23	ng/ul	
91) Benzo(g,h,i)perylene	26.28	276	135993	2.46	ng/ul	99

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

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