Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT2

Manual Integrations APPROVED
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5/23/2016 8:33:04 PM

Quant Time: May 23 08:13:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	111951	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	458523	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	247981	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	537375	20.00	ng/ul	0.02
75) Chrysene-d12	21.38	240	588941	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	627715	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7662	3.00	ng/uL	0.02
5) Phenol-d5	7.00	99	149548	16.30	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	97233	18.28	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	132281	17.28	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	114405	15.21	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	67080	19.13	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	75370	19.53	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.25	165	124929	17.19	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	82196	11.29	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	387365	19.14	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	488542	19.30	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	28675	7.49	ng/ul	0.02
57) Fluorene-d10	15.45	176	338089	19.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	32184	10.41	ng/ul	0.01
70) Anthracene-d10	17.30	188	478943	18.71	ng/ul	0.01
76) Pyrene-d10	19.59	212	543670	20.38	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	564966	19.27	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.64	105	31830	2.81	ng/ul	85
28) Naphthalene	10.67	128	486979	21.14	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	425951	25.27	ng/ul	100
40) 1,1'-Biphenyl	13.29	154	42169	2.03	ng/ul	98
44) Dimethylphthalate	13.92	163	133856	6.69	ng/ul	99
53) Dibenzofuran	14.86	168	123445	5.10	ng/ul	95
66) Hexachlorobenzene	16.50	284	21726	3.19	ng/ul#	90
69) Phenanthrene	17.24	178	414768	13.81	ng/ul	99
72) Carbazole	17.61	167	26672	1.00	ng/ul#	89
74) Fluoranthene	19.26	202	394098	11.66	ng/ul	99
77) Pyrene	19.62	202	353439	10.44	ng/ul	99
80) Benzo(a)anthracene	21.36	228	214008	6.18	ng/ul	94
82) Chrysene	21.41	228	261628	7.94	ng/ul	96
85) Benzo(b)fluoranthene	22.98	252	363895	9.83	ng/ul	97
86) Benzo(k)fluoranthene	23.02	252	120249m	3.43	ng/ul	
88) Benzo(a)pyrene	23.57	252	219708	6.12	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.99	276	169636	3.98	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	51251	1.44	ng/ul#	89
91) Benzo(g,h,i)perylene	26.70	276	148959	4.15	ng/ul	97

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

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