Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004198.D
Acq On : 08 Feb 2016 13:59
Operator : SJ/IZ
Sample : H1340-12 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C04K2

Manual Integrations APPROVED
Sohil
2/9/2016 3:30:36 PM

Quant Time: Feb 09 00:28:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	116834	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	74096	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	181816	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	224057	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	243014	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	6269	2.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	3531	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	5481	3.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	4739	2.42	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	2450	2.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2333	2.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	5035	2.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	5446	2.40	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	20541	3.22	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	24465	3.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	394	0.31	ng/ul	0.03
58) Fluorene-d10	15.31	176	20928	3.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	781	0.70	ng/ul	0.00
71) Anthracene-d10	17.16	188	32801	3.71	ng/ul	0.00
79) Pyrene-d10	19.47	212	39999	3.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	48481	3.83	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	10301	1.53	ng/ul#	96
50) Acenaphthene	14.38	153	32385	5.83	ng/ul	100
54) Dibenzofuran	14.72	168	12127	1.54	ng/ul	96
59) Fluorene	15.37	166	21954	3.34	ng/ul	100
70) Phenanthrene	17.11	178	337970	30.46	ng/ul	100
72) Anthracene	17.20	178	90167	8.01	ng/ul	99
75) Carbazole	17.47	167	40659	3.97	ng/ul	100
77) Fluoranthene	19.14	202	759469	58.80	ng/ul	100
80) Pyrene	19.50	202	673191	48.87	ng/ul	100
83) Benzo(a)anthracene	21.26	228	464306	32.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	422603	47.87	ng/ul	98
85) Chrysene	21.32	228	430179	31.72	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	604716	38.98	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	207185m	14.34	ng/ul	
91) Benzo(a)pyrene	23.41	252	415580	27.73	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	254174	14.21	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	71342	4.78	ng/ul#	80
94) Benzo(g,h,i)perylene	26.46	276	178262	11.69	ng/ul	100

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

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