Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005640.D
Acq On : 24 May 2016 11:22
Operator : UM/SJ
Sample : H3124-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF1DL

Manual Integrations APPROVED
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Quant Time: May 24 14:43:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	148385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	628207	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.45	164	332439	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	673302	20.00	ng/ul	0.01
75) Chrysene-d12	21.38	240	627274	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	636958	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2168	0.64	ng/uL	0.00
5) Phenol-d5	7.00	99	46859	3.85	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	28326	4.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	40355	3.98	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	37329	3.75	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	18105	3.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	16920	3.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	35041	3.52	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	16786	1.68	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	105267	3.88	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	137677	4.06	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	11651	2.27	ng/ul	0.04
57) Fluorene-d10	15.44	176	97177	4.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	139927m	4.36	ng/ul	0.02
76) Pyrene-d10	19.59	212	136326	4.80	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.53	264	121338	4.08	ng/ul	0.03
Target Compounds						Qvalue
47) Acenaphthylene	14.17	152	72907	2.12	ng/ul	95
58) Fluorene	15.50	166	27667	1.07	ng/ul#	91
69) Phenanthrene	17.24	178	455234	12.10	ng/ul	99
71) Anthracene	17.33	178	125587	3.27	ng/ul	97
74) Fluoranthene	19.26	202	677702	16.00	ng/ul	98
77) Pyrene	19.62	202	851947	23.63	ng/ul	99
80) Benzo(a)anthracene	21.36	228	285832	7.75	ng/ul	93
82) Chrysene	21.42	228	278953m	7.95	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	302997m	8.07	ng/ul	
86) Benzo(k)fluoranthene	23.01	252	107952m	3.04	ng/ul	
88) Benzo(a)pyrene	23.57	252	290130	7.96	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.00	276	200667	4.64	ng/ul	98
90) Dibenzo(a,h)anthracene	26.00	278	40616	1.13	ng/ul#	53
91) Benzo(g,h,i)perylene	26.72	276	206350	5.67	ng/ul	94

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

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