Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\

Quantitation Report (QT/LSC Reviewed)

Data File : BM012306.D
Acq On : 19 Oct 2017 07:25
Operator : SJ/JU
Sample : I5747-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-4(1-3)-100617

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:04 PM

Quant Time: Jun 23 03:33:57 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	277325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1099640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	580728	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1189437	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1293592	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1412757	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	9265	1.59	ng/uL	0.00
5) Phenol-d5	6.97	99	138527	6.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	137479	10.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	136855	7.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	117750	6.08	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	68715	8.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	73279	7.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	118365	6.32	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	42813	2.44	ng/ul	0.02
43) Dimethylphthalate-d6	13.84	166	423882	8.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	523943	8.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	14485m	1.88	ng/ul	0.08
57) Fluorene-d10	15.43	176	341080	8.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	325	0.04	ng/ul	-0.02
70) Anthracene-d10	17.29	188	493380	8.39	ng/ul	0.00
76) Pyrene-d10	19.59	212	534907	8.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	578048	8.49	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.00	94	40881	1.758	ng/ul#	32
28) Naphthalene	10.63	128	179418	3.154	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	67975	1.583	ng/ul	97
44) Dimethylphthalate	13.89	163	244950m	4.763	ng/ul	
47) Acenaphthylene	14.16	152	664495	10.892	ng/ul	99
58) Fluorene	15.49	166	61288	1.247	ng/ul	96
69) Phenanthrene	17.23	178	944893	13.965	ng/ul	100
71) Anthracene	17.32	178	664330	9.484	ng/ul	98
74) Fluoranthene	19.25	202	5404629	66.187	ng/ul#	92
77) Pyrene	19.62	202	4033374	47.212	ng/ul#	93
80) Benzo(a)anthracene	21.36	228	3609837	42.886	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	142361	2.495	ng/ul#	98
82) Chrysene	21.42	228	2993918	37.885	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	5181766	56.205	ng/ul#	96
86) Benzo(k)fluoranthene	23.03	252	1818010m	20.462	ng/ul	
88) Benzo(a)pyrene	23.58	252	3650030	42.005	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.04	276	2496092	27.050	ng/ul	98
90) Dibenzo(a,h)anthracene	26.03	278	749198	9.658	ng/ul#	82
91) Benzo(g,h,i)perylene	26.77	276	1732657	22.926	ng/ul#	95

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

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