Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007100.D
Acq On : 14 Aug 2016 10:25
Operator : UM/SJ
Sample : H4387-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS004-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:55:59 PM

Quant Time: Aug 15 14:23:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	285165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1164170	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	664640	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1536413	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1909264	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2187355	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	23568	3.61	ng/uL	0.00
5) Phenol-d5	6.97	99	484032	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	289361	21.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	401477	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	364443	19.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	189944	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	211379	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	404119	21.36	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	430252	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1232121	22.44	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1517465	23.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	184522	18.75	ng/ul	0.00
57) Fluorene-d10	15.43	176	1080770	22.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	148376	17.48	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1649188	23.17	ng/ul	0.00
76) Pyrene-d10	19.57	212	1961711	24.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2380566	23.79	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.90	163	179349	3.27	ng/ul	99
47) Acenaphthylene	14.16	152	189718	2.79	ng/ul	99
69) Phenanthrene	17.22	178	670140	8.11	ng/ul	99
71) Anthracene	17.32	178	168506	1.99	ng/ul	99
74) Fluoranthene	19.24	202	1119196	11.17	ng/ul	100
77) Pyrene	19.60	202	1549079	14.68	ng/ul	97
80) Benzo(a)anthracene	21.34	228	744397	6.60	ng/ul	91
82) Chrysene	21.40	228	816317	7.92	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	941736	7.15	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	242848m	1.96	ng/ul	
88) Benzo(a)pyrene	23.54	252	747242	5.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	507745	3.32	ng/ul	97
90) Dibenzo(a,h)anthracene	25.93	278	141776	1.10	ng/ul#	92
91) Benzo(g,h,i)perylene	26.63	276	498704	3.85	ng/ul	99

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

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