Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Manual Integrations APPROVED
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9/6/2016 1:16:33 PM

Quant Time: Sep 06 08:38:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	167261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	786047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	535394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1410363	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1887860	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	1866979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12456	3.81	ng/uL	0.00
5) Phenol-d5	6.96	99	328388	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	177975	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	252671	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	270799	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	138417	23.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	162038	24.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	301133	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	166048	9.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1075782	23.29	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1295940	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	148754	17.06	ng/ul	0.00
57) Fluorene-d10	15.42	176	966448	24.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	176242	19.87	ng/ul	0.00
70) Anthracene-d10	17.27	188	1604360	24.35	ng/ul	0.00
76) Pyrene-d10	19.56	212	2062386	26.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2046234	23.80	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	10161	1.13	ng/ul	90
28) Naphthalene	10.63	128	195003	4.99	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	110516	3.45	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	47408	1.14	ng/ul	96
44) Dimethylphthalate	13.88	163	995368	21.63	ng/ul	99
47) Acenaphthylene	14.14	152	69024	1.25	ng/ul	97
53) Dibenzofuran	14.82	168	247411	4.61	ng/ul	95
69) Phenanthrene	17.21	178	897557	11.85	ng/ul	100
71) Anthracene	17.30	178	248237	3.18	ng/ul	99
72) Carbazole	17.57	167	137958	2.03	ng/ul#	95
74) Fluoranthene	19.23	202	1494230	15.73	ng/ul	97
77) Pyrene	19.59	202	964897	9.53	ng/ul	97
80) Benzo(a)anthracene	21.33	228	601442m	5.40	ng/ul	
82) Chrysene	21.39	228	1382756m	13.72	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1850217	16.76	ng/ul	100
86) Benzo(k)fluoranthene	22.98	252	478464m	4.69	ng/ul	
88) Benzo(a)pyrene	23.52	252	275667	2.61	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.90	276	336407	2.60	ng/ul	96
90) Dibenzo(a,h)anthracene	25.91	278	116508	1.08	ng/ul#	84
91) Benzo(g,h,i)perylene	26.61	276	220832	2.01	ng/ul	98

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

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