Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007401.D
Acq On : 03 Sep 2016 11:22
Operator : UM/SJ
Sample : H4639-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD391

Manual Integrations APPROVED
sohil
9/6/2016 1:16:38 PM

Quant Time: Sep 05 03:10:49 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	7.79	152	199735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	926793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	626537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1600222	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2098394	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2082125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	13186	3.37	ng/uL	0.00
5) Phenol-d5	6.96	99	315910	16.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	183079	18.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	249700	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	261968	15.92	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	137581	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	156987	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	290380	18.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	304341	15.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1067021	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1269469	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	119406	11.70	ng/ul	0.00
57) Fluorene-d10	15.42	176	969278	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	160606	15.96	ng/ul	0.00
70) Anthracene-d10	17.27	188	1579074	21.12	ng/ul	0.00
76) Pyrene-d10	19.56	212	2076658	23.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2060612	21.49	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.63	128	86655	1.88	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	64205	1.70	ng/ul	98
44) Dimethylphthalate	13.88	163	378165	7.02	ng/ul	98
53) Dibenzofuran	14.83	168	90233	1.44	ng/ul	99
69) Phenanthrene	17.21	178	577785	6.73	ng/ul	99
71) Anthracene	17.30	178	146628	1.65	ng/ul	98
74) Fluoranthene	19.23	202	1325891	12.30	ng/ul	99
77) Pyrene	19.59	202	1036133	9.20	ng/ul	96
80) Benzo(a)anthracene	21.33	228	625544	5.06	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.26	149	70078	1.03	ng/ul	98
82) Chrysene	21.39	228	1265859	11.30	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	1830350	14.87	ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	521973m	4.59	ng/ul	
88) Benzo(a)pyrene	23.53	252	512372	4.35	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	484695	3.35	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	146369	1.22	ng/ul#	87
91) Benzo(g,h,i)perylene	26.61	276	358325	2.92	ng/ul	97

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

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