Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020429.D
Acq On : 20 May 2019 13:30
Operator : JU/SJ
Sample : K2633-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJB1DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:58 AM

Quant Time: May 21 03:35:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	76843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	284096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	155566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	360322	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	355871	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	423217	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	835m	0.40	ng/uL	0.00
5) Phenol-d5	6.90	99	9206	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	5831	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	8662	1.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	3521	0.79	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	3132	1.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	3592	1.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	6801	1.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	4255	0.96	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	28297	2.53	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	34546	2.47	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.39	176	24287	2.44	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.24	188	41118	2.66	ng/ul	0.00
78) Pyrene-d10	19.54	212	47225	2.76	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	47761	2.48	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.59	128	3255122	249.384	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	721777	76.373	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	128467	11.535	ng/ul	97
47) Acenaphthylene	14.11	152	254318	19.263	ng/ul	97
49) Acenaphthene	14.45	153	38709	4.265	ng/ul	98
53) Dibenzofuran	14.79	168	42026	3.058	ng/ul	97
58) Fluorene	15.44	166	267974	24.338	ng/ul	99
69) Phenanthrene	17.19	178	1458332	84.943	ng/ul	100
71) Anthracene	17.27	178	311863	17.857	ng/ul	100
76) Fluoranthene	19.21	202	587557	27.092	ng/ul	99
79) Pyrene	19.57	202	847584	39.681	ng/ul	97
82) Benzo(a)anthracene	21.33	228	303277	14.159	ng/ul	94
84) Chrysene	21.38	228	259578	12.681	ng/ul	97
87) Benzo(b)fluoranthene	22.94	252	215718m	8.931	ng/ul	
88) Benzo(k)fluoranthene	22.97	252	59569m	2.511	ng/ul	
90) Benzo(a)pyrene	23.52	252	239233	10.524	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.93	276	96799	3.737	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.94	278	28856	1.303	ng/ul#	84
93) Benzo(g,h,i)perylene	26.66	276	88000	4.104	ng/ul	97

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

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