Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021262.D
Acq On : 29 Jun 2019 15:14
Operator : HP/JU
Sample : K3593-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD5

Manual Integrations APPROVED
mohammad
7/1/2019 2:42:45 PM

Quant Time: Jun 29 23:15:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	293770	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1288487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	798123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1657714	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1193752	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1378454	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	24890	4.02	ng/uL	0.00
5) Phenol-d5	6.93	99	592763	23.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	339857	22.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	496621	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	515477	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	257791	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	307037	26.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	588000	24.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	151777	6.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1776596	24.64	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2104575	23.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	221285	18.86	ng/ul	0.00
57) Fluorene-d10	15.39	176	1503357	23.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	182925	17.95	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2060679	23.92	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1835382	25.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1900321	23.37	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	1181913	18.004	ng/ul	99
69) Phenanthrene	17.19	178	330754	3.608	ng/ul	99
76) Fluoranthene	19.21	202	991567	10.010	ng/ul#	95
79) Pyrene	19.57	202	817353	9.685	ng/ul	100
82) Benzo(a)anthracene	21.32	228	409237	5.028	ng/ul	99
84) Chrysene	21.37	228	472747	6.202	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	757476	8.675	ng/ul#	95
88) Benzo(k)fluoranthene	22.96	252	287727m	3.425	ng/ul	
90) Benzo(a)pyrene	23.50	252	453095	5.513	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	381693	3.944	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	97724	1.200	ng/ul#	69
93) Benzo(g,h,i)perylene	26.60	276	319292	4.006	ng/ul	97

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

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