Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023242.D
Acq On : 18 Oct 2019 05:17
Operator : JU
Sample : K5262-21DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFBB1DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:47 PM

Quant Time: Oct 18 08:24:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	420788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1659463	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1033956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2087074	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2144496	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2620265	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3199	0.33	ng/uL	0.00
5) Phenol-d5	6.83	99	65872	1.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	34411	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	52249	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	50071	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	21895	1.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	24098	2.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	54286	2.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	15141	0.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	165607	2.09	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	188764	2.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	17422	1.36	ng/ul	0.00
58) Fluorene-d10	15.30	176	151012	2.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	8306	1.00	ng/ul	0.00
71) Anthracene-d10	17.15	188	233485	2.32	ng/ul	0.00
79) Pyrene-d10	19.44	212	248645	2.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	295736	2.23	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.49	128	370380	4.318	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	103356	1.619	ng/ul	97
48) Acenaphthylene	14.03	152	1401745	14.752	ng/ul	99
50) Acenaphthene	14.37	153	275998	4.171	ng/ul	99
54) Dibenzofuran	14.70	168	351328	3.740	ng/ul	99
59) Fluorene	15.36	166	425428	5.520	ng/ul	97
70) Phenanthrene	17.09	178	5686380	48.548	ng/ul	100
72) Anthracene	17.19	178	1728714	14.283	ng/ul	99
75) Carbazole	17.45	167	743434	6.876	ng/ul	100
77) Fluoranthene	19.12	202	9412740	67.572	ng/ul	99
80) Pyrene	19.48	202	8890320	66.176	ng/ul	98
83) Benzo(a)anthracene	21.23	228	4900529m	33.726	ng/ul	
85) Chrysene	21.28	228	4631401	34.327	ng/ul	96
88) Benzo(b)fluoranthene	22.80	252	8549313	53.814	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	2643047m	17.326	ng/ul	
91) Benzo(a)pyrene	23.37	252	6419694	42.119	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	4722117	26.043	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.70	278	1257091	8.292	ng/ul#	85
94) Benzo(g,h,i)perylene	26.37	276	4077637	27.313	ng/ul	97

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

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