Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023102.D
Acq On : 10 Oct 2019 03:31
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPA2

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

Quant Time: Oct 10 04:18:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	176994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	711243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	390091	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	733936	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	726197	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	876826	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15393	3.76	ng/uL	0.00
5) Phenol-d5	6.94	99	276123	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	171829	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	246137	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	170200	13.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	118140	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	127024	21.19	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	232579	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	180811	12.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	669025	22.10	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	798603	22.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	70302	11.75	ng/ul	-0.01
58) Fluorene-d10	15.40	176	572703	22.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	59459	12.45	ng/ul	0.00
71) Anthracene-d10	17.24	188	839981	23.44	ng/ul	0.00
79) Pyrene-d10	19.54	212	941886	24.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1086910	23.96	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	40163	2.450	ng/ul	96
45) Dimethylphthalate	13.86	163	268462	8.632	ng/ul	100
70) Phenanthrene	17.19	178	264089	6.029	ng/ul	99
72) Anthracene	17.28	178	62429	1.399	ng/ul	99
77) Fluoranthene	19.20	202	738030	14.981	ng/ul	100
80) Pyrene	19.57	202	794243	15.429	ng/ul	100
83) Benzo(a)anthracene	21.31	228	447316	8.580	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	1744549	57.994	ng/ul	100
85) Chrysene	21.36	228	521313	10.845	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	656386	11.280	ng/ul	98
89) Benzo(k)fluoranthene	22.94	252	233983m	4.203	ng/ul	
91) Benzo(a)pyrene	23.47	252	497946	9.121	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.84	276	353871	6.103	ng/ul	95
93) Dibenzo(a,h)anthracene	25.85	278	94228	1.943	ng/ul#	89
94) Benzo(g,h,i)perylene	26.54	276	339180	7.250	ng/ul	98

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

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