Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023244.D
Acq On : 18 Oct 2019 06:28
Operator : JU
Sample : K5235-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB5

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:54 PM

Quant Time: Oct 18 08:35:22 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	387177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1478508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	903192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1838925	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1881450	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2330617	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	35682	4.06	ng/uL	0.00
5) Phenol-d5	6.83	99	700282	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	403716	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	592101	22.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	526893	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	278485	27.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	315203	33.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	610497	25.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	475755	16.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1798128	25.98	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2130603	26.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	215398	19.22	ng/ul	0.00
58) Fluorene-d10	15.30	176	1539379	26.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	162370	22.27	ng/ul	0.00
71) Anthracene-d10	17.15	188	2369250	26.72	ng/ul	0.00
79) Pyrene-d10	19.45	212	2588018	28.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3218503	27.24	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	108090	3.108	ng/ul	98
45) Dimethylphthalate	13.77	163	592836	8.557	ng/ul	98
48) Acenaphthylene	14.03	152	115553	1.392	ng/ul	95
59) Fluorene	15.36	166	72888	1.083	ng/ul#	95
70) Phenanthrene	17.09	178	1303419	12.630	ng/ul	99
72) Anthracene	17.19	178	346653	3.251	ng/ul	100
75) Carbazole	17.45	167	110452	1.159	ng/ul	94
76) Di-n-butylphthalate	18.04	149	243356	2.147	ng/ul	98
77) Fluoranthene	19.12	202	3111114	25.348	ng/ul	99
80) Pyrene	19.48	202	3653881	31.001	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2169499	17.018	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	5326475	81.714	ng/ul#	97
85) Chrysene	21.28	228	2401768	20.290	ng/ul	97
87) Di-n-octyl phthalate	22.06	149	305908	2.544	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2978906	21.081	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	844346m	6.223	ng/ul	
91) Benzo(a)pyrene	23.37	252	2334212	17.218	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	1485905	9.213	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	438421	3.251	ng/ul#	91
94) Benzo(g,h,i)perylene	26.36	276	1506361	11.344	ng/ul	97

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

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