Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
Data File : BM023314.D
Acq On : 21 Oct 2019 16:14
Operator : JU
Sample : K5378-04DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0012DL

Manual Integrations APPROVED
mohammad
10/22/2019 3:26:33 PM

Quant Time: Oct 21 17:59:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 21 17:53:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	573758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2339694	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1433836	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	3119426	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	3367363	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	3808771	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	24274	1.86	ng/uL	0.00
5) Phenol-d5	6.83	99	354068	7.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	255322	9.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	320316	8.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	233287	5.81	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	155378	9.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	166480	11.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	324791	8.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	264295	5.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1028015	9.36	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1217897	9.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	85954	4.83	ng/ul	0.00
58) Fluorene-d10	15.29	176	930181	9.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	105583	8.54	ng/ul	0.00
71) Anthracene-d10	17.14	188	1460455	9.71	ng/ul	0.00
79) Pyrene-d10	19.44	212	1700067	10.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2058227	10.66	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.76	163	401290	3.649	ng/ul	98
48) Acenaphthylene	14.02	152	488069	3.704	ng/ul	99
70) Phenanthrene	17.09	178	6288088	35.919	ng/ul	99
72) Anthracene	17.17	178	1201209	6.640	ng/ul	99
75) Carbazole	17.44	167	832213	5.149	ng/ul	100
77) Fluoranthene	19.10	202	14315896m	68.760	ng/ul	
80) Pyrene	19.47	202	13145007	62.313	ng/ul	96
83) Benzo(a)anthracene	21.23	228	7846650	34.390	ng/ul	97
85) Chrysene	21.27	228	7088248	33.458	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	10005279	43.326	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	2989508m	13.482	ng/ul	
91) Benzo(a)pyrene	23.35	252	6647299	30.003	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	5053602	19.174	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	1282573	5.820	ng/ul#	88
94) Benzo(g,h,i)perylene	26.34	276	4523068	20.843	ng/ul	98

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

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