Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023839.D
Acq On : 21 Nov 2019 21:07
Operator : JU
Sample : K5851-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
11/22/2019 1:22:51 PM

Quant Time: Nov 22 06:21:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	320984	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1289212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	799358	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1727970	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1730389	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2136347	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	19489	2.50	ng/uL	0.00
5) Phenol-d5	6.70	99	390945	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	226868	13.49	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	316291	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	262094	11.23	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	152283	16.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	168400	17.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	306861	13.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	316676	13.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	967131	15.51	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1146275	16.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	97846	9.20	ng/ul	0.00
58) Fluorene-d10	15.17	176	873811	15.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	64242	6.43	ng/ul	0.00
71) Anthracene-d10	17.02	188	1394646	17.01	ng/ul	0.00
79) Pyrene-d10	19.33	212	1660385	18.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	1970635	17.53	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	342993	5.615	ng/ul	98
70) Phenanthrene	16.96	178	581335	6.108	ng/ul	100
72) Anthracene	17.06	178	124883	1.305	ng/ul	96
77) Fluoranthene	18.99	202	1129692	11.078	ng/ul	96
80) Pyrene	19.36	202	1044188	9.336	ng/ul	98
83) Benzo(a)anthracene	21.12	228	583440	5.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	67411	1.260	ng/ul	99
85) Chrysene	21.16	228	608607	5.664	ng/ul	97
88) Benzo(b)fluoranthene	22.64	252	794618	5.835	ng/ul#	97
89) Benzo(k)fluoranthene	22.68	252	306714m	2.338	ng/ul	
91) Benzo(a)pyrene	23.19	252	589419	4.728	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.41	276	445425	3.341	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	120808	1.074	ng/ul#	85
94) Benzo(g,h,i)perylene	26.07	276	452463	4.188	ng/ul	98

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

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