Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\

Quantitation Report (LSC Reviewed)

Data File : BM023525.D
Acq On : 31 Oct 2019 18:27
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 01 07:32:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	407138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1643186	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	991684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2114805	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2219388	20.00	ng/ul	0.01
86) Perylene-d12	23.41	264	2669351	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	34378	4.01	ng/uL	0.00
5) Phenol-d5	6.79	99	662351	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	432683	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	543353	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	481480	17.34	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	265194	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	278998	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	515325	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	330419	10.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	1617491	21.48	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1913497	22.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	151062	11.58	ng/ul	0.00
58) Fluorene-d10	15.26	176	1429330	22.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	143240	10.88	ng/ul	0.00
71) Anthracene-d10	17.11	188	2202663	22.04	ng/ul	0.00
79) Pyrene-d10	19.42	212	2571971	21.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	3133378	23.04	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.82	94	74461	2.115	ng/ul	95
45) Dimethylphthalate	13.73	163	704853	9.322	ng/ul	100
48) Acenaphthylene	13.98	152	2039956	22.812	ng/ul	99
50) Acenaphthene	14.32	153	227034	3.609	ng/ul	99
54) Dibenzofuran	14.66	168	469957	5.217	ng/ul	98
59) Fluorene	15.31	166	393257	5.354	ng/ul#	98
70) Phenanthrene	17.05	178	17629358m	149.168	ng/ul	
72) Anthracene	17.14	178	5330020	44.512	ng/ul	99
75) Carbazole	17.41	167	2023448	20.045	ng/ul	99
77) Fluoranthene	19.07	202	24866113m	201.712	ng/ul	
80) Pyrene	19.44	202	24344163m	155.335	ng/ul	
83) Benzo(a)anthracene	21.19	228	19625212m	132.217	ng/ul	
85) Chrysene	21.25	228	18489793m	135.004	ng/ul	
88) Benzo(b)fluoranthene	22.76	252	28272199m	164.909	ng/ul	
89) Benzo(k)fluoranthene	22.80	252	12275305m	76.251	ng/ul	
91) Benzo(a)pyrene	23.32	252	22290279m	143.614	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.64	276	22476987	133.747	ng/ul	97
93) Dibenzo(a,h)anthracene	25.63	278	5141141	36.281	ng/ul#	85
94) Benzo(g,h,i)perylene	26.31	276	20614629	150.769	ng/ul	98

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

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