Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023139.D
Acq On : 11 Oct 2019 20:44
Operator : JU
Sample : K5124-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM51DL

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:28 AM

Quant Time: Oct 12 01:22:29 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	163176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	625117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	331551	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	634058	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	642529	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	781102	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	9174	2.43	ng/uL	0.00
5) Phenol-d5	6.94	99	149187	10.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	93776	11.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	137673	11.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	118440	10.03	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	63868	13.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	69148	13.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	121257	11.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	52359	4.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	330298	12.84	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	403071	13.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	24419	4.80	ng/ul	0.00
58) Fluorene-d10	15.40	176	283059	12.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	25941	6.29	ng/ul	0.00
71) Anthracene-d10	17.24	188	416249	13.44	ng/ul	0.00
79) Pyrene-d10	19.54	212	460451	13.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	538714	13.33	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	8627	1.320	ng/ul	93
6) Phenol	6.97	94	33056	2.187	ng/ul	98
16) 4-Methylphenol	8.53	108	34124	2.649	ng/ul	86
28) Naphthalene	10.60	128	55684	1.649	ng/ul	99
45) Dimethylphthalate	13.86	163	112365	4.251	ng/ul	99
48) Acenaphthylene	14.13	152	177951	5.549	ng/ul	99
50) Acenaphthene	14.47	153	49364	2.209	ng/ul	100
54) Dibenzofuran	14.80	168	43191	1.354	ng/ul	98
59) Fluorene	15.45	166	55136	2.138	ng/ul#	98
70) Phenanthrene	17.19	178	1659690	43.859	ng/ul	99
72) Anthracene	17.28	178	192210	4.985	ng/ul	100
75) Carbazole	17.54	167	235004	6.858	ng/ul	99
77) Fluoranthene	19.21	202	2563603	60.235	ng/ul	100
80) Pyrene	19.57	202	2556338	56.125	ng/ul	100
81) Butylbenzylphthalate	20.47	149	22470	1.200	ng/ul#	85
83) Benzo(a)anthracene	21.32	228	1024056	22.199	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	42052	1.580	ng/ul#	95
85) Chrysene	21.37	228	1286933	30.258	ng/ul	97
88) Benzo(b)fluoranthene	22.92	252	1937481	37.377	ng/ul#	92
89) Benzo(k)fluoranthene	22.95	252	527032m	10.627	ng/ul	
91) Benzo(a)pyrene	23.49	252	1471673	30.262	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.87	276	1041191	20.157	ng/ul	95
93) Dibenzo(a,h)anthracene	25.88	278	228857	5.296	ng/ul#	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.59	276	1027430	24.654	ng/ul	98

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

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