Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\

Quantitation Report (LSC Reviewed)

Data File : BM024539.D
Acq On : 18 Jan 2020 17:11
Operator : JU
Sample : L1109-09 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 20 05:57:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	127876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	574385	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	511461	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1267045m	20.00	ng/ul	0.04
78) Chrysene-d12	21.12	240	1779844	20.00	ng/ul	0.06
86) Perylene-d12	23.24	264	1651760	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	44055	4.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	21419	4.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	37949	4.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	37766	4.32	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	17003	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	22865	5.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	45333	4.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	114240	10.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	175957	4.39	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	188647	4.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	46474	6.95	ng/ul	0.02
58) Fluorene-d10	15.11	176	158411	4.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	2787m	0.39	ng/ul	0.01
71) Anthracene-d10	17.00	188	297362m	5.05	ng/ul	0.05
79) Pyrene-d10	19.31	212	371890m	3.91	ng/ul	0.05
90) Benzo(a)pyrene-d12	23.12	264	361585	4.22	ng/ul	0.07
Target Compounds						Qvalue
14) Acetophenone	8.27	105	130053	9.480	ng/ul	99
24) 2,4-Dimethylphenol	9.42	107	23869m	2.301	ng/ul	
34) 2-Methylnaphthalene	11.89	142	76427	3.347	ng/ul	96
41) 1,1'-Biphenyl	12.93	154	2058967	55.449	ng/ul	100
45) Dimethylphthalate	13.58	163	41861	1.028	ng/ul#	88
48) Acenaphthylene	13.83	152	10204246	216.586	ng/ul	98
50) Acenaphthene	14.17	153	2917302	91.487	ng/ul	97
54) Dibenzofuran	14.52	168	13142008	281.330	ng/ul	95
55) 2,4-Dinitrotoluene	14.49	165	74046	6.460	ng/ul#	60
59) Fluorene	15.18	166	14757590	373.645	ng/ul	99
65) N-Nitrosodiphenylamine	15.40	169	302570	8.598	ng/ul#	69
70) Phenanthrene	16.91	178	43666647m	639.042	ng/ul	
72) Anthracene	17.02	178	19324218m	277.325	ng/ul	
75) Carbazole	17.29	167	10434464	177.970	ng/ul	99
77) Fluoranthene	18.94	202	39912156m	477.909	ng/ul	
80) Pyrene	19.32	202	40663163m	333.733	ng/ul	
83) Benzo(a)anthracene	21.07	228	33193212m	273.771	ng/ul	
85) Chrysene	21.13	228	25227267m	215.930	ng/ul	
88) Benzo(b)fluoranthene	22.62	252	38556515m	353.169	ng/ul	
89) Benzo(k)fluoranthene	22.67	252	10404901m	96.976	ng/ul	
91) Benzo(a)pyrene	23.16	252	29573994m	311.717	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.39	276	23580689	237.541	ng/ul	98
93) Dibenzo(a,h)anthracene	25.37	278	7734493m	91.804	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.03	276	19234720	243.802	ng/ul	97

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

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