Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026118.D
Acq On : 26 May 2020 17:31
Operator : MA/SJ
Sample : L2737-14DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL

Manual Integrations APPROVED
mohammad
5/27/2020 11:47:07 AM

Quant Time: May 27 06:05:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	620473	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	371779	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	771989	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	811814	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	836922	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	3380m	0.67	ng/uL	0.00
5) Phenol-d5	6.69	99	10604	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	30344	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	28439	2.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	19180	1.83	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17237	3.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	15967	3.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	33078	3.29	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	105607	3.54	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	119882	3.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	3679	0.70	ng/ul	0.00
58) Fluorene-d10	15.13	176	93572	3.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	10741	2.39	ng/ul	0.00
71) Anthracene-d10	16.98	188	145055	3.81	ng/ul	0.00
79) Pyrene-d10	19.28	212	158897	3.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	149786	3.36	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.71	94	60157	3.86	ng/ul	97
11) 2-Methylphenol	7.95	108	108972	10.16	ng/ul	98
14) Acetophenone	8.31	105	17648	1.00	ng/ul#	75
16) 4-Methylphenol	8.26	108	152103	13.04	ng/ul	90
24) 2,4-Dimethylphenol	9.46	107	336060m	24.19	ng/ul	
28) Naphthalene	10.31	128	23505221m	619.59	ng/ul	
34) 2-Methylnaphthalene	11.92	142	846841	33.19	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	152915	4.64	ng/ul	98
50) Acenaphthene	14.20	153	794092	29.04	ng/ul	99
54) Dibenzofuran	14.53	168	598354	15.57	ng/ul	99
59) Fluorene	15.19	166	435003	13.99	ng/ul	99
70) Phenanthrene	16.93	178	917923	18.88	ng/ul	100
72) Anthracene	17.02	178	89105	1.83	ng/ul	96
75) Carbazole	17.29	167	1828265	45.30	ng/ul	99
77) Fluoranthene	18.94	202	279374	5.48	ng/ul	98
80) Pyrene	19.31	202	181341	3.18	ng/ul	97

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

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