Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027099.D
Acq On : 14 Aug 2020 22:45
Operator : JU/CG
Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM5

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:53 AM

Quant Time: Aug 17 02:47:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	124117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	440103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	276575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	604892	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	709094	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	749163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7843	2.87	ng/uL	0.00
5) Phenol-d5	6.82	99	148374	15.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	108967	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	123397	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	113665	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	59058	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	60529	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	127633	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	126410	14.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	415295	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	458308	17.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	44804	12.03	ng/ul	0.00
58) Fluorene-d10	15.27	176	345337	17.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	40635	12.30	ng/ul	0.00
71) Anthracene-d10	17.11	188	522514	17.53	ng/ul	0.00
79) Pyrene-d10	19.41	212	631678	17.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	739607	17.69	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	18072	1.776	ng/ul	100
45) Dimethylphthalate	13.73	163	84429	3.653	ng/ul	98
48) Acenaphthylene	13.99	152	30518	1.142	ng/ul	96
70) Phenanthrene	17.06	178	193485	5.335	ng/ul	100
77) Fluoranthene	19.08	202	460966	10.483	ng/ul	97
80) Pyrene	19.44	202	465025	9.662	ng/ul	99
83) Benzo(a)anthracene	21.19	228	238402	4.994	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.15	149	36880	1.380	ng/ul#	95
85) Chrysene	21.24	228	268900	5.739	ng/ul	98
88) Benzo(b)fluoranthene	22.75	252	376884	7.245	ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	130107m	2.524	ng/ul	
91) Benzo(a)pyrene	23.31	252	262758	5.550	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.60	276	199639	3.273	ng/ul#	95
94) Benzo(g,h,i)perylene	26.26	276	183370	3.639	ng/ul	99

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

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