Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027101.D
Acq On : 14 Aug 2020 23:57
Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM4

Manual Integrations APPROVED
mohammad
8/19/2020 8:19:00 AM

Quant Time: Aug 17 03:00:17 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	138416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	496553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	322182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	687212	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	769677	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	784346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6868	2.25	ng/uL	0.00
5) Phenol-d5	6.82	99	147381	13.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	105123	14.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	119436	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	112047	13.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58023	14.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	61546	15.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	130107	15.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	108378	10.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	419223	16.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	470539	15.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47870	11.04	ng/ul	0.00
58) Fluorene-d10	15.27	176	345778	15.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	37846	10.08	ng/ul	0.00
71) Anthracene-d10	17.11	188	516478	15.26	ng/ul	0.00
79) Pyrene-d10	19.41	212	578502	15.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	635580	14.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	21240	1.872	ng/ul	97
45) Dimethylphthalate	13.73	163	62793	2.332	ng/ul#	99
70) Phenanthrene	17.06	178	245741	5.965	ng/ul	99
77) Fluoranthene	19.07	202	494884	9.906	ng/ul	99
80) Pyrene	19.44	202	466053	8.921	ng/ul	99
83) Benzo(a)anthracene	21.19	228	221860	4.282	ng/ul	95
85) Chrysene	21.24	228	269341	5.296	ng/ul	97
88) Benzo(b)fluoranthene	22.75	252	365311	6.707	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	102077m	1.891	ng/ul	
91) Benzo(a)pyrene	23.31	252	216900	4.376	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	163662	2.563	ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	139450	2.643	ng/ul	99

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

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