Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027103.D
Acq On : 15 Aug 2020 01:09
Operator : JU/CG
Sample : L3631-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFML9

Manual Integrations APPROVED
mohammad
8/19/2020 8:19:06 AM

Quant Time: Aug 17 03:07:58 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	135305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	492069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	313635	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	672223	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	734630	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	755147	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7681	2.58	ng/uL	0.00
5) Phenol-d5	6.82	99	163385	15.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	115645	16.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	132576	15.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	123512	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	62804	16.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	66919	16.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	143948	16.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	127573	12.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	483132	19.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	527686	17.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	57661	13.66	ng/ul	0.00
58) Fluorene-d10	15.27	176	390658	17.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	44559	12.14	ng/ul	0.00
71) Anthracene-d10	17.11	188	589633	17.80	ng/ul	0.00
79) Pyrene-d10	19.41	212	687326	18.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	753046	17.86	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.46	128	30712	1.123	ng/ul	98
45) Dimethylphthalate	13.73	163	186917	7.132	ng/ul	99
48) Acenaphthylene	13.99	152	36667	1.210	ng/ul	95
50) Acenaphthene	14.33	153	32388	1.508	ng/ul	98
54) Dibenzofuran	14.67	168	46187	1.503	ng/ul	100
59) Fluorene	15.32	166	35237	1.370	ng/ul#	96
70) Phenanthrene	17.06	178	642306	15.938	ng/ul	99
72) Anthracene	17.14	178	138335	3.374	ng/ul	98
75) Carbazole	17.42	167	59666	1.724	ng/ul	95
77) Fluoranthene	19.08	202	852397	17.443	ng/ul	97
80) Pyrene	19.44	202	762357	15.289	ng/ul	100
83) Benzo(a)anthracene	21.19	228	420587	8.504	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.15	149	52014	1.879	ng/ul	99
85) Chrysene	21.24	228	416003	8.569	ng/ul	98
88) Benzo(b)fluoranthene	22.75	252	579251	11.047	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	169725m	3.266	ng/ul	
91) Benzo(a)pyrene	23.31	252	403104	8.447	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	301382	4.901	ng/ul	96
93) Dibenzo(a,h)anthracene	25.60	278	78370	1.505	ng/ul#	93
94) Benzo(g,h,i)perylene	26.26	276	275669	5.428	ng/ul	99

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

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