Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027066.D
Acq On : 13 Aug 2020 18:14
Operator : JU/CG
Sample : L3630-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFML4

Manual Integrations APPROVED
Sohil
8/14/2020 2:54:13 PM

Quant Time: Aug 13 18:47:47 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	123162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	456868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	287264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	610528	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	641112	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	649516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7950	2.93	ng/uL	0.00
5) Phenol-d5	6.82	99	173268	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	120871	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	138588	18.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	123016	16.48	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58993	16.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	70431	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	145057	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	133085	14.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	461928	20.17	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	526938	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	58509	15.13	ng/ul	0.00
58) Fluorene-d10	15.27	176	380475	19.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	48260	14.47	ng/ul	0.00
71) Anthracene-d10	17.12	188	569943	18.95	ng/ul	0.00
79) Pyrene-d10	19.42	212	630597	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	682850	18.83	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	160554	6.688	ng/ul	99
48) Acenaphthylene	13.99	152	71667	2.582	ng/ul	98
59) Fluorene	15.33	166	26940	1.144	ng/ul	98
70) Phenanthrene	17.06	178	637510	17.417	ng/ul	99
72) Anthracene	17.15	178	56181	1.509	ng/ul	97
75) Carbazole	17.42	167	44232	1.407	ng/ul	95
77) Fluoranthene	19.08	202	998517	22.497	ng/ul	100
80) Pyrene	19.44	202	881633	20.260	ng/ul	100
83) Benzo(a)anthracene	21.20	228	367660m	8.519	ng/ul	
85) Chrysene	21.25	228	473436	11.175	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	563796	12.500	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	241033m	5.392	ng/ul	
91) Benzo(a)pyrene	23.32	252	370589	9.028	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.60	276	283825	5.366	ng/ul	97
93) Dibenzo(a,h)anthracene	25.60	278	73314	1.637	ng/ul#	84
94) Benzo(g,h,i)perylene	26.27	276	249782	5.718	ng/ul	99

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

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