Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026984.D
Acq On : 03 Aug 2020 18:36
Operator : JU/CG
Sample : L3424-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S82DL

Manual Integrations APPROVED
mohammad
8/10/2020 8:39:55 AM

Quant Time: Aug 08 09:44:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	105177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	413587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	252199	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	506242	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	477203	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	473192	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	268	0.12	ng/uL	0.00
5) Phenol-d5	6.83	99	7856	0.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5492	0.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6311	0.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	5947	0.84	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3085	0.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2788	0.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	6061	0.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2633	0.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	17698	0.89	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	22043	0.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	2135m	0.64	ng/ul	0.00
58) Fluorene-d10	15.29	176	14651	0.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1358	0.60	ng/ul	0.00
71) Anthracene-d10	17.13	188	24552	0.97	ng/ul	0.00
79) Pyrene-d10	19.43	212	24829	0.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	24278	0.91	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.01	152	54291	2.123	ng/ul	99
70) Phenanthrene	17.07	178	44579	1.451	ng/ul	98
72) Anthracene	17.17	178	120834	3.826	ng/ul	97
77) Fluoranthene	19.09	202	451145	12.434	ng/ul	98
80) Pyrene	19.46	202	572611	16.493	ng/ul	98
83) Benzo(a)anthracene	21.20	228	283801	8.628	ng/ul	96
85) Chrysene	21.26	228	422226	13.164	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1011010	29.867	ng/ul	98
89) Benzo(k)fluoranthene	22.81	252	311694m	9.596	ng/ul	
91) Benzo(a)pyrene	23.33	252	282342	9.243	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	334444	8.826	ng/ul	96
93) Dibenzo(a,h)anthracene	25.63	278	85399	2.665	ng/ul#	88
94) Benzo(g,h,i)perylene	26.30	276	93532	2.985	ng/ul	99

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

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