Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026960.D
Acq On : 31 Jul 2020 16:14
Operator : JU/CG
Sample : L3424-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S88

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:38 PM

Quant Time: Jul 31 16:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	77156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	300640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	189318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	407782	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	472558	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	473813	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1164	0.69	ng/uL	0.00
5) Phenol-d5	6.84	99	25687	3.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	18397	4.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	18711	3.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	20639	3.97	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	9385	4.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	8362	3.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	19969	3.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	11555	1.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	66466	4.48	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	78902	4.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	7898	3.15	ng/ul	0.00
58) Fluorene-d10	15.28	176	57249	4.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	6253	3.44	ng/ul	0.00
71) Anthracene-d10	17.13	188	93018	4.56	ng/ul	0.00
79) Pyrene-d10	19.43	212	111448	4.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	115767	4.33	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	57574	3.428	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	24426	2.057	ng/ul	92
45) Dimethylphthalate	13.75	163	19027	1.221	ng/ul	97
48) Acenaphthylene	14.01	152	260314	13.562	ng/ul	99
50) Acenaphthene	14.35	153	21888	1.655	ng/ul	96
54) Dibenzofuran	14.69	168	77397	4.222	ng/ul	97
59) Fluorene	15.34	166	21990	1.425	ng/ul#	98
70) Phenanthrene	17.08	178	338726	13.684	ng/ul	99
72) Anthracene	17.17	178	435040	17.099	ng/ul	98
75) Carbazole	17.43	167	98720	4.389	ng/ul	98
77) Fluoranthene	19.10	202	4054653	138.732	ng/ul	99
80) Pyrene	19.47	202	5046928	146.794	ng/ul	97
83) Benzo(a)anthracene	21.21	228	2161078	66.348	ng/ul	94
85) Chrysene	21.27	228	2729952	85.947	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	5330652	157.271	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	1436231m	44.158	ng/ul	
91) Benzo(a)pyrene	23.35	252	1618765	52.927	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	1738072	45.808	ng/ul	95
93) Dibenzo(a,h)anthracene	25.66	278	455252	14.186	ng/ul#	86
94) Benzo(g,h,i)perylene	26.32	276	523206	16.676	ng/ul	99

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

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