Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026982.D
Acq On : 03 Aug 2020 17:22
Operator : JU/CG
Sample : L3424-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:12 AM

Quant Time: Aug 03 17:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	114737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	450848	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	272682	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	545611	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	521284	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	520147	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1969	0.78	ng/uL	0.00
5) Phenol-d5	6.84	99	52165	5.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	35397	5.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	39838	5.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41543	5.37	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	19130	5.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	18994	5.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	41452	5.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	19013	2.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	120701	5.64	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	151406	5.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	17893	4.95	ng/ul	0.00
58) Fluorene-d10	15.29	176	103921	5.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	10885	4.48	ng/ul	0.00
71) Anthracene-d10	17.13	188	153876	5.64	ng/ul	0.00
79) Pyrene-d10	19.43	212	157234	5.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	158126	5.39	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.49	128	113438	4.504	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	41602	2.336	ng/ul	99
45) Dimethylphthalate	13.75	163	43543	1.940	ng/ul	98
48) Acenaphthylene	14.01	152	370825	13.414	ng/ul	99
54) Dibenzofuran	14.69	168	121288	4.594	ng/ul	99
59) Fluorene	15.34	166	27082m	1.218	ng/ul	
70) Phenanthrene	17.07	178	454347	13.719	ng/ul	100
72) Anthracene	17.17	178	697974	20.504	ng/ul	99
75) Carbazole	17.43	167	152590	5.071	ng/ul	96
77) Fluoranthene	19.10	202	2572370	65.781	ng/ul	100
80) Pyrene	19.46	202	3115504	82.147	ng/ul	98
83) Benzo(a)anthracene	21.22	228	1650352m	45.932	ng/ul	
85) Chrysene	21.27	228	2140818	61.099	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	6069464	163.117	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1419162m	39.747	ng/ul	
91) Benzo(a)pyrene	23.35	252	1570258	46.767	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	2222270	53.352	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	550521	15.627	ng/ul#	85
94) Benzo(g,h,i)perylene	26.33	276	549696	15.960	ng/ul	98

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

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