Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:47 PM

Quant Time: Aug 08 08:32:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	107726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	426388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	266628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	545634	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	535694	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	538902	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1153	0.49	ng/uL	0.00
5) Phenol-d5	6.84	99	35491	3.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25331	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	26281	3.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	30077	4.14	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	12962	3.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	14093	4.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	29432	4.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	22031	2.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	87833	4.20	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	113260	4.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	10509	2.97	ng/ul	0.00
58) Fluorene-d10	15.29	176	78339	4.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7228	2.97	ng/ul	0.00
71) Anthracene-d10	17.13	188	119420	4.38	ng/ul	0.00
79) Pyrene-d10	19.43	212	124133	4.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	127689	4.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	152231	6.390	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	28577	1.697	ng/ul	93
48) Acenaphthylene	14.01	152	319154	11.807	ng/ul	98
54) Dibenzofuran	14.69	168	51498	1.995	ng/ul	97
59) Fluorene	15.34	166	32848	1.511	ng/ul	97
70) Phenanthrene	17.08	178	264858	7.997	ng/ul	100
72) Anthracene	17.17	178	1169837	34.364	ng/ul	99
75) Carbazole	17.43	167	111809	3.715	ng/ul	98
77) Fluoranthene	19.09	202	1577951	40.350	ng/ul	100
80) Pyrene	19.46	202	1814037	46.544	ng/ul	97
83) Benzo(a)anthracene	21.21	228	1287447m	34.868	ng/ul	
85) Chrysene	21.27	228	2566646	71.282	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	4827584	125.226	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1706749m	46.137	ng/ul	
91) Benzo(a)pyrene	23.35	252	1399858	40.241	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	2011980	46.622	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.66	278	509314m	13.954	ng/ul	
94) Benzo(g,h,i)perylene	26.33	276	927961	26.005	ng/ul	98

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

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