Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026971.D
Acq On : 31 Jul 2020 22:57
Operator : JU/CG
Sample : L3424-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S91

Manual Integrations APPROVED
mohammad
8/3/2020 12:24:04 PM

Quant Time: Aug 01 01:59:29 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	125191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	490554	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	298164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	606321	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	609916	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	604556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2521	0.92	ng/uL	0.00
5) Phenol-d5	6.84	99	64305	5.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	44377	5.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	49889	6.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	50844	6.02	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	24537	6.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	25038	7.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	49567	5.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	40841	4.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	148585	6.35	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	186516	6.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	13727	3.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	125253	6.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	10922	4.04	ng/ul	0.00
71) Anthracene-d10	17.14	188	187013	6.17	ng/ul	0.00
79) Pyrene-d10	19.43	212	191964	5.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	197974	5.80	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	107092	3.908	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	54039	2.789	ng/ul	98
45) Dimethylphthalate	13.75	163	24804	1.011	ng/ul#	95
48) Acenaphthylene	14.01	152	670833	22.192	ng/ul	99
50) Acenaphthene	14.35	153	29039	1.394	ng/ul	93
54) Dibenzofuran	14.69	168	120612	4.178	ng/ul	97
59) Fluorene	15.34	166	44772	1.842	ng/ul#	96
70) Phenanthrene	17.08	178	952643	25.884	ng/ul	99
72) Anthracene	17.17	178	1051183	27.788	ng/ul	98
75) Carbazole	17.44	167	206975	6.189	ng/ul	99
77) Fluoranthene	19.11	202	4999699	115.052	ng/ul	98
80) Pyrene	19.47	202	4652981	104.857	ng/ul	98
83) Benzo(a)anthracene	21.21	228	2457187m	58.450	ng/ul	
85) Chrysene	21.27	228	3395399	82.823	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	6603240	152.685	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1608455m	38.758	ng/ul	
91) Benzo(a)pyrene	23.35	252	1996915	51.171	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2383307	49.229	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	647103	15.804	ng/ul#	94
94) Benzo(g,h,i)perylene	26.34	276	729327	18.219	ng/ul	99

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

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