Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026962.D
Acq On : 31 Jul 2020 17:28
Operator : JU/CG
Sample : L3424-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S82

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:45 PM

Quant Time: Jul 31 18:02:56 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	104431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	407640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	249965	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	518381	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	518153	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	516950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1649	0.72	ng/uL	0.00
5) Phenol-d5	6.83	99	40636	4.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	28152	4.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	31597	4.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	31205	4.43	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	14276	4.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	14075	4.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	30388	4.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	18667	2.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	90809	4.63	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	112616	4.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	12728	3.84	ng/ul	0.00
58) Fluorene-d10	15.29	176	78772	4.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	8299	3.59	ng/ul	0.00
71) Anthracene-d10	17.13	188	118963	4.59	ng/ul	0.00
79) Pyrene-d10	19.43	212	128479	4.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	130246	4.46	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	57098	2.507	ng/ul	99
45) Dimethylphthalate	13.75	163	30893	1.502	ng/ul	98
48) Acenaphthylene	14.01	152	249865	9.860	ng/ul	99
54) Dibenzofuran	14.69	168	45547	1.882	ng/ul	97
70) Phenanthrene	17.08	178	230717	7.332	ng/ul	100
72) Anthracene	17.17	178	379050	11.720	ng/ul	98
75) Carbazole	17.43	167	101085	3.536	ng/ul	99
77) Fluoranthene	19.10	202	2474410	66.600	ng/ul	98
80) Pyrene	19.46	202	3130004	83.028	ng/ul	98
83) Benzo(a)anthracene	21.21	228	1596483	44.701	ng/ul	93
85) Chrysene	21.27	228	2335839	67.068	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5959119	161.142	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	1694880m	47.762	ng/ul	
91) Benzo(a)pyrene	23.35	252	1574875	47.195	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	1887529	45.596	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	489522	13.981	ng/ul#	95
94) Benzo(g,h,i)perylene	26.32	276	533916	15.598	ng/ul	99

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

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