Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028690.D
Acq On : 09 Feb 2021 18:29
Operator : CG/JU
Sample : M1310-12DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0A39DL2

Manual Integrations APPROVED
mohammad
2/10/2021 12:15:44 PM

Quant Time: Feb 10 02:04:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 23:51:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	22286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	86041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	46754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	93153	20.00	ng/ul	0.00
78) Chrysene-d12	21.43	240	91207	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	95806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.07	99	935	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	748	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	1105	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	868	0.56	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	434	0.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	394	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	880	0.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	861	0.50	ng/ul	0.01
44) Dimethylphthalate-d6	13.96	166	3555	0.96	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	4356	0.92	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.54	176	3067	0.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.38	188	5160m	1.08	ng/ul	0.00
79) Pyrene-d10	19.66	212	5436	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	6004	1.10	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.33	178	109256	18.995	ng/ul	99
72) Anthracene	17.42	178	21039	3.583	ng/ul	99
75) Carbazole	17.69	167	13668	2.739	ng/ul	97
77) Fluoranthene	19.33	202	208008	33.236	ng/ul	97
80) Pyrene	19.69	202	176946	25.077	ng/ul	99
83) Benzo(a)anthracene	21.42	228	95990	15.143	ng/ul	99
85) Chrysene	21.47	228	91341	14.862	ng/ul	98
88) Benzo(b)fluoranthene	23.00	252	101463	15.644	ng/ul	97
89) Benzo(k)fluoranthene	23.04	252	32147m	5.062	ng/ul	
91) Benzo(a)pyrene	23.57	252	66454	11.097	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.93	276	44502	6.096	ng/ul	97
93) Dibenzo(a,h)anthracene	25.93	278	13714	2.229	ng/ul#	85
94) Benzo(g,h,i)perylene	26.63	276	35940	5.901	ng/ul	96

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

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