Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54M7

Manual Integrations APPROVED
mohammad
12/23/2020 12:35:28 PM

Quant Time: Dec 22 01:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 00:19:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	135944	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	542170	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	288834	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	555152	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	511368	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	535576	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	6305	1.84	ng/uL	0.00
5) Phenol-d5	7.34	99	118663	10.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	76768	10.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	104086	10.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	88912	9.52	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	45851	10.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	46836	10.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	83842	9.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	99974	9.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	242208	10.88	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	311589	11.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	14502	3.58	ng/ul	0.00
58) Fluorene-d10	15.81	176	210067	10.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	14372	4.35	ng/ul	0.00
71) Anthracene-d10	17.64	188	306084	11.11	ng/ul	0.00
79) Pyrene-d10	19.90	212	334875	11.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	337302	11.43	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.08	128	37695	1.226	ng/ul	97
50) Acenaphthene	14.89	153	58337	2.872	ng/ul	99
54) Dibenzofuran	15.22	168	66577	2.395	ng/ul	96
59) Fluorene	15.86	166	64285	2.770	ng/ul	99
70) Phenanthrene	17.59	178	1116377	33.217	ng/ul	100
72) Anthracene	17.68	178	247744	7.244	ng/ul	99
75) Carbazole	17.94	167	113114	3.965	ng/ul	99
77) Fluoranthene	19.57	202	1261550	35.565	ng/ul	98
80) Pyrene	19.93	202	1100557	28.559	ng/ul	100
83) Benzo(a)anthracene	21.64	228	514524	15.011	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	24292	1.183	ng/ul	97
85) Chrysene	21.70	228	462976	13.744	ng/ul	97
88) Benzo(b)fluoranthene	23.32	252	537746	14.850	ng/ul	97
89) Benzo(k)fluoranthene	23.36	252	176401m	4.912	ng/ul	
91) Benzo(a)pyrene	23.93	252	396904	12.161	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.46	276	250070	6.709	ng/ul#	93
93) Dibenzo(a,h)anthracene	26.46	278	63262	2.002	ng/ul#	79
94) Benzo(g,h,i)perylene	27.20	276	206658	6.601	ng/ul	99

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

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