Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046302.D
Acq On : 17 Aug 2020 17:52
Operator : CG/JU
Sample : L3632-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM90

Manual Integrations APPROVED
mohammad
8/19/2020 2:15:54 PM

Quant Time: Aug 18 01:54:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	66915	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	279238	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	202831	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	500599	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	512708	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	543844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	152572	31.73	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	599605	32.12	ng/ul	0.00
10) Fluorene-d10	15.56	176	474846	33.20	ng/ul	0.00
15) Anthracene-d10	17.41	188	741355	31.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	869636	32.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	970187	32.69	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	37149	1.957	ng/ul	96
9) Acenaphthene	14.63	153	17140	1.265	ng/ul	99
11) Fluorene	15.61	166	20543	1.296	ng/ul	91
14) Phenanthrene	17.35	178	569450	20.677	ng/ul	100
16) Anthracene	17.44	178	65209	2.347	ng/ul	99
17) Fluoranthene	19.36	202	1024278	33.355	ng/ul	98
20) Pyrene	19.72	202	985557	29.285	ng/ul	99
21) Benzo(a)anthracene	21.54	228	473539	14.195	ng/ul	96
22) Chrysene	21.60	228	579083	17.957	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	783806	21.794	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	252145m	7.068	ng/ul	
27) Benzo(a)pyrene	24.52	252	520205	15.756	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.16	276	395619	9.570	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	100862	3.009	ng/ul#	88
30) Benzo(g,h,i)perylene	29.25	276	342107	9.888	ng/ul	99

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

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