Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047398.D
Acq On : 21 Nov 2020 15:14
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B08

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:35 AM

Quant Time: Nov 23 04:54:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35737	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	138745	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.89	164	99318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	198422	20.00	ng/ul	0.01
78) Chrysene-d12	21.91	240	169647	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	187441	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1620	1.65	ng/uL	0.00
5) Phenol-d5	7.41	99	55090	15.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	31492	15.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	39886	16.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	45782	16.62	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19959	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	23974	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	52329	18.28	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	55218	19.07	ng/ul	0.01
44) Dimethylphthalate-d6	14.29	166	158742	18.62	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	194779	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	21074	16.20	ng/ul	0.02
58) Fluorene-d10	15.88	176	135814	17.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	14844	13.14	ng/ul	0.01
71) Anthracene-d10	17.72	188	184728	18.77	ng/ul	0.00
79) Pyrene-d10	19.99	212	176290	17.86	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.08	264	190465	17.65	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	20839	2.396	ng/ul#	96
70) Phenanthrene	17.67	178	21643	2.020	ng/ul	93
77) Fluoranthene	19.66	202	53278	3.937	ng/ul#	97
80) Pyrene	20.01	202	41602	3.462	ng/ul#	96
83) Benzo(a)anthracene	21.89	228	25076	2.077	ng/ul#	81
84) Bis(2-ethylhexyl)phthalate	21.78	149	8586	1.459	ng/ul#	38
85) Chrysene	21.96	228	22125	1.926	ng/ul#	82
88) Benzo(b)fluoranthene	24.22	252	16692	1.261	ng/ul#	75
89) Benzo(k)fluoranthene	24.30	252	16193m	1.242	ng/ul	
91) Benzo(a)pyrene	25.16	252	19418	1.646	ng/ul#	58
92) Indeno(1,2,3-cd)pyrene	29.24	276	26136m	1.821	ng/ul	
94) Benzo(g,h,i)perylene	30.46	276	17302m	1.461	ng/ul	

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

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