Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047456.D
Acq On : 24 Nov 2020 21:30
Operator : CG/JU
Sample : L4751-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B86

Manual Integrations APPROVED
mohammad
11/25/2020 12:48:40 PM

Quant Time: Nov 25 02:28:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	30571	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	128954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	93040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	200754m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	180747	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	191589	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1543	1.83	ng/uL	0.00
5) Phenol-d5	7.40	99	32001	10.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	22181	12.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28273	13.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	24527	10.41	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15602	14.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16250	13.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	33744	12.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	33525	12.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	105688	13.23	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	125325	13.58	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	8234	6.76	ng/ul	0.00
58) Fluorene-d10	15.87	176	97880	13.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	5488	4.80	ng/ul	0.00
71) Anthracene-d10	17.72	188	145743	14.63	ng/ul	0.00
79) Pyrene-d10	19.98	212	167895	15.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	166670	15.11	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	23862	2.929	ng/ul#	97
70) Phenanthrene	17.66	178	28093m	2.591	ng/ul	
77) Fluoranthene	19.65	202	61405	4.485	ng/ul	99
80) Pyrene	20.01	202	50368	3.934	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	26968	2.097	ng/ul	98
85) Chrysene	21.94	228	26766	2.187	ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	32503	2.403	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	13615m	1.021	ng/ul	
91) Benzo(a)pyrene	25.13	252	23064m	1.913	ng/ul	

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

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