Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047337.D
Acq On : 16 Nov 2020 19:39
Operator : CG/JU
Sample : L4762-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 17 07:44:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0AC9

Manual Integrations APPROVED
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11/17/2020 4:10:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62145	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	233482	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.66	164	141172	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.41	188	285608	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	324711	20.00	ng/ul	0.04
86) Perylene-d12	24.97	264	291743m	20.00	ng/ul	0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	4458	2.89	ng/uL	0.01
5) Phenol-d5	7.19	99	118556	21.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68932	22.22	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	96925	23.11	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	99985	23.23	ng/ul	0.02
19) Nitrobenzene-d5	9.19	128	46943	23.99	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	34308	15.01	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.46	165	107612	24.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.97	131	93296	24.53	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	269065	23.18	ng/ul	0.01
47) Acenaphthylene-d8	14.36	160	342511	24.94	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	39204	21.46	ng/ul	0.04
58) Fluorene-d10	15.65	176	239245	22.20	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.81	200	3886m	1.97	ng/ul	0.05
71) Anthracene-d10	17.51	188	352634	25.47	ng/ul	0.02
79) Pyrene-d10	19.80	212	418026	22.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.74	264	426073m	26.57	ng/ul	0.11
Target Compounds						Qvalue
28) Naphthalene	10.88	128	42703	3.256	ng/ul#	93
34) 2-Methylnaphthalene	12.49	142	108913	11.638	ng/ul	99
41) 1,1'-Biphenyl	13.49	154	20685	1.857	ng/ul	93
45) Dimethylphthalate	14.10	163	103054	8.847	ng/ul	97
48) Acenaphthylene	14.39	152	14796	1.152	ng/ul#	47
50) Acenaphthene	14.72	153	19201	2.066	ng/ul#	80
54) Dibenzofuran	15.06	168	37799m	2.794	ng/ul	
59) Fluorene	15.71	166	24667	2.222	ng/ul#	76
70) Phenanthrene	17.45	178	405734	25.329	ng/ul#	96
72) Anthracene	17.54	178	54602	3.392	ng/ul#	71
77) Fluoranthene	19.47	202	736461	38.198	ng/ul	99
80) Pyrene	19.83	202	1117674	50.299	ng/ul	96
83) Benzo(a)anthracene	21.67	228	590311	26.835	ng/ul#	85
85) Chrysene	21.74	228	671263	31.718	ng/ul#	89
88) Benzo(b)fluoranthene	23.93	252	798878m	41.222	ng/ul	
89) Benzo(k)fluoranthene	23.98	252	300083m	15.980	ng/ul	
91) Benzo(a)pyrene	24.81	252	532759	30.528	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	28.67	276	218791m	10.088	ng/ul	
93) Dibenzo(a,h)anthracene	28.70	278	61578m	3.500	ng/ul	
94) Benzo(g,h,i)perylene	29.83	276	177279m	9.780	ng/ul	

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

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