Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047402.D
Acq On : 21 Nov 2020 19:49
Operator : CG/JU
Sample : L4711-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 05:18:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0BF2

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40467	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	167255	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	114208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	251909	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	212420	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	226078	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	3710	3.33	ng/uL	0.00
5) Phenol-d5	7.41	99	106105	26.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	54014	23.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	71650	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	83888	26.90	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	38653	27.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	47231	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	97542	28.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	77689	22.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	276859	28.24	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	345544	30.50	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	35729	23.89	ng/ul	0.01
58) Fluorene-d10	15.87	176	251149	27.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39409	27.48	ng/ul	0.00
71) Anthracene-d10	17.72	188	367381m	29.40	ng/ul	0.00
79) Pyrene-d10	19.99	212	364756	29.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.09	264	366350	28.15	ng/ul	0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	106670	10.666	ng/ul	97
50) Acenaphthene	14.94	153	13853	1.875	ng/ul	99
59) Fluorene	15.93	166	19928	2.180	ng/ul#	89
70) Phenanthrene	17.67	178	617363	45.382	ng/ul	100
72) Anthracene	17.75	178	135934	9.922	ng/ul	99
75) Carbazole	18.01	167	46485	4.206	ng/ul	97
77) Fluoranthene	19.66	202	1715096	99.830	ng/ul	99
80) Pyrene	20.02	202	1396707	92.824	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	841096	55.650	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	26140	3.549	ng/ul#	91
85) Chrysene	21.96	228	896718	62.346	ng/ul	98
88) Benzo(b)fluoranthene	24.25	252	1178183	73.810	ng/ul	99
89) Benzo(k)fluoranthene	24.30	252	438136m	27.853	ng/ul	
91) Benzo(a)pyrene	25.17	252	787296	55.328	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.25	276	584618	33.776	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.30	278	152465m	10.744	ng/ul	
94) Benzo(g,h,i)perylene	30.49	276	554076m	38.795	ng/ul	

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

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