Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 01 12:31:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0B49

Manual Integrations APPROVED
mohammad
12/2/2020 2:25:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	28297	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	105012	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	78734	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	200545	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	186860	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	203137	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	785	1.01	ng/uL	0.00
5) Phenol-d5	7.40	99	17357	6.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	9760	6.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	14426	7.58	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	10597m	4.86	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	7150	8.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	8905	9.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	15273	7.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.21	131	13404	6.12	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	56983	8.43	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	67079	8.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	5694	5.52	ng/ul	-0.01
58) Fluorene-d10	15.86	176	54803	8.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	7498	6.57	ng/ul	-0.01
71) Anthracene-d10	17.71	188	87360	8.78	ng/ul	-0.01
79) Pyrene-d10	19.98	212	102356	9.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	105390	9.01	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.43	94	3798	1.397	ng/ul#	76
45) Dimethylphthalate	14.32	163	23849	3.459	ng/ul#	93
70) Phenanthrene	17.66	178	70702	6.528	ng/ul	97
72) Anthracene	17.74	178	16031m	1.470	ng/ul	
77) Fluoranthene	19.65	202	191749	14.020	ng/ul	98
80) Pyrene	20.01	202	175767	13.279	ng/ul#	98
83) Benzo(a)anthracene	21.87	228	101634	7.644	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.76	149	8335	1.286	ng/ul#	79
85) Chrysene	21.95	228	89732m	7.092	ng/ul	
88) Benzo(b)fluoranthene	24.22	252	100498	7.007	ng/ul	98
89) Benzo(k)fluoranthene	24.28	252	44902m	3.177	ng/ul	
91) Benzo(a)pyrene	25.14	252	75134	5.876	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	49846m	3.205	ng/ul	
93) Dibenzo(a,h)anthracene	29.25	278	15299m	1.200	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	39793m	3.101	ng/ul	

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

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