Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047383.D
Acq On : 20 Nov 2020 20:20
Operator : CG/JU
Sample : L4711-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B53

Manual Integrations APPROVED
mohammad
11/23/2020 1:30:04 PM

Quant Time: Nov 21 05:27:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40302	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	284579m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	242344	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1839	1.66	ng/uL	0.00
5) Phenol-d5	7.40	99	47171	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	26806	11.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33439	12.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	35520	11.44	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16799	12.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19119	13.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41105	12.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	38177	11.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	128130	12.12	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	157885	12.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	17020	10.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	122305	12.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	17724	10.94	ng/ul	0.00
71) Anthracene-d10	17.72	188	188245	13.33	ng/ul	0.00
79) Pyrene-d10	19.98	212	199822	14.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	203776	13.47	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	59381	5.505	ng/ul	97
70) Phenanthrene	17.66	178	274797m	17.881	ng/ul	
72) Anthracene	17.75	178	41084	2.655	ng/ul	96
75) Carbazole	18.01	167	20090m	1.609	ng/ul	
77) Fluoranthene	19.65	202	699197	36.026	ng/ul	100
80) Pyrene	20.01	202	545300	31.765	ng/ul#	96
81) Butylbenzylphthalate	20.88	149	55108	9.140	ng/ul	98
83) Benzo(a)anthracene	21.88	228	323829	18.780	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	115564	13.751	ng/ul	96
85) Chrysene	21.95	228	338841	20.650	ng/ul	98
88) Benzo(b)fluoranthene	24.22	252	448695	24.180	ng/ul#	99
89) Benzo(k)fluoranthene	24.28	252	153630m	8.401	ng/ul	
91) Benzo(a)pyrene	25.14	252	290440	17.557	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.20	276	204573	10.167	ng/ul	99
93) Dibenzo(a,h)anthracene	29.26	278	56473m	3.423	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	167569m	10.092	ng/ul	

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

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